

# AES® Amateur Radio Equipment Price List • April 1, 1996

★ COMPLETE EQUIPMENT & ACCESSORY INVENTORIES ★ COMPETITIVE PRICING ★ FAST SHIPPING ★ TRADES ★ USED GEAR ★ SERVICE

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All prices and specifications are subject to change without notice. Due to foreign currency fluctuations, promotions, manufacturer's coupons, etc. prices may vary. Please confirm prices before ordering. AES® is not responsible for typographical errors or omissions.

## CODES SHOWN NEXT TO PRICES

(T) • Item too large for UPS. Truck shipment only. No COD, send payment in advance or use charge card for merchandise; freight charges will be collected upon delivery

NOTE: Charges for truck shipments from 1-99 lbs are running a minimum of \$80.00, plus local destination charges. It is advisable to contact a local freight office for a quotation.

(D) • DISCONTINUED by Manufacturer but still available from stock in limited quantities when this price list was published.

(†) • TEMPORARY LOW PRICE due to Special Purchase, overstock, etc. Quantities may be limited at price shown.

(Δ) • Item not discontinued by Manufacturer but probably will not be available from our stores when present stock sold out.

End of line STORE LOCATION CODES — means Close-out or Special items were at these stores: (m) Milwaukee; (w) Wickliffe;

(f) Orlando; (c) Clearwater; (v) Las Vegas; (\*) all stores

## SHIPPING INFORMATION

AMOUNT OF ORDER UPS GROUND SHIPPING HANDLING & INSURANCE

Up to \$100.00	\$5.00
\$100.01 to \$500.00	\$7.00
\$500.01 to \$1499.99	\$9.00
\$1500.00 & UP	\$12.00

• Shipping/Handling/Insurance Charges are based on amount of Original Order, adding or deleting items later will not affect charges • Order amount is Pre-Coupon & Pre-Tax • COD fees Not Included, add \$6.50 per carton • Includes adequate insurance • Backorders shipped prepaid at AES® expense • Other UPS shipping methods are charged at Regular Rates with No Credit for UPS Ground rate • Does Not Apply to Truck or DROP-SHIPMENTS

## ADI (ADI) Reg Sale

AT-200 2.5w 2m FM HT/batt/cgr/TTP	\$199.95	164 <sup>95</sup>
AT-200HP 5w 2m FM HT/batt/cgr/TTP	219.95	189 <sup>95</sup>
AT-400 2.5w 440 FM HT/batt/cgr/TTP	214.95	179 <sup>95</sup>
AT-400HP 5w 440 FM HT/batt/cgr/TTP	234.95	199 <sup>95</sup>
ARC-12 Smart charger	89.95	
CHA-072 Wall charger for 7.2v battery	12.95	
CHA-120 Wall charger for 12v battery	12.95	
CPB-262 Batt holder for 6 AA nicads	19.95	
PCA-145 Cig lighter adapter cable	14.95	
RBP-072 7.2v 700ma battery	49.95	
RBP-120 12v 600ma battery	69.95	
SLC-200/SLC-200-S 2.5w carrying case	18.95	
SLC-200-L 5w carrying case	20.95	
SPM-100 Spkr/mic; ADI/Standard/Yaesu	27.95	
SPM-101 Speaker/mic for Kenwood	29.95	
SPM-200 Lapel mic/earph; ADI/Sta/Yaesu	18.95	
SPM-201 Lapel mic/earphone for Kenwood	19.95	
AR-146 50w 2m FM Xcvr w/TTP mic	319.95	279 <sup>95</sup>

AR-446 35w 440 FM Xcvr w/TTP mic 345.95 299<sup>95</sup>

## AEA (AEA)

DC-1 Cigarette lighter cord	Δw	\$ 7.00	5 <sup>95</sup>
KK-1 Keyboard keyer for IBM PC		199.00	189 <sup>95</sup>
KKCOM Optional utility program		49.00	

## DATA CONTROLLERS

PK-12 1200 bps VHF/UHF packet controller		\$134.00	124 <sup>95</sup>
100K/PK-12 100K MailDrop upgrade; PK-12		50.00	
AC-1 12vdc 600 ma adaptor		21.00	
APRS Adapter cable for GPS Rcvr to TNC		30.00	
PK-96/18K 9600 baud packet controller/32K RAM		239.00	209 <sup>95</sup>
100K 100K memory upgrade for PK-96		50.00	
PK-96/100K 9600 baud controller/128K RAM		289.00	259 <sup>95</sup>
PC-Pakratt-88 IBM prog; PK12/88/96 Dmwv		49.00	29 <sup>95</sup>
PC Pakratt Lite Packet only terminal prog		49.00	
PK-232MBX Controller/int VHF/HF modem/FAX		379.00	299 <sup>95</sup>
PK-900 Multi-mode digital controller w/FAX		569.00	469 <sup>95</sup>
DSP-232 Multi-mode data controller		495.00	429 <sup>95</sup>
DSP-1232 Single port multi-mode controller		850.00	
DSP-2232 Switchable ch multi-mode controller		1100.00	999 <sup>95</sup>
9600 bps modem card option for PK-900		75.00	
AC-4 12vdc 1A power supply		32.00	
ACARS Aircraft data reception software		90.00	
ACARS/900 Air data reception soft; PK-900		50.00	
AEA-FAX III-900 PK-900/IBM FAX software		75.00	
COM Pakratt w/FAX C64 prog; PK88/232 Δm		79.00	74 <sup>95</sup>
MacRATT III Mac program; sys 6.05-7-7.5		99.00	
PC-Pakratt II w/FAX IBM prog; 12/88/232		69.00	64 <sup>95</sup>
PC-Pakratt for Windows 2.0 IBM; 12/88/232		129.00	119 <sup>95</sup>
Log Windows 3.0 Program for IBM		99.00	89 <sup>95</sup>
Extra PK-232 to radio open ended cable		9.00	
IH CABLE PK-232 - Icom/Yaesu/Alinco HT		25.00	
IM CABLE PK-232 - Icom 8-pin mic cable		25.00	
IW CABLE PK-232 - Icom IC-W2A cable		25.00	
KA CABLE PK-232 - Kenwood 13-pin cable		30.00	
KH CABLE PK-232 - Kenwood HT cable		25.00	
KM CABLE PK-232 - Kenwood/Ali 8-pin mic		25.00	
YM CABLE PK-232 - Yaesu 8-pin mic cable		25.00	
Technical manual; PK-232		25.00	
WeFax-256 WX FAX prog; DSP-1232/2232		129.00	119 <sup>95</sup>
AEA-FAX III Facsimile & wire photo program		149.00	99 <sup>95</sup>
PCB-88 IBM plug-in packet adapter		179.00	129 <sup>95</sup>
<b>ANTENNAS</b>			
IsoLoop 10-30 150w 10-30MHz 43" loop/50' cable		\$399.00	349 <sup>95</sup>
50' shielded loop cable, new style		29.00	
100' shielded loop cable w/connectors		39.00	
IT-1 IsoTuner Automatic tuner for IsoLoop		279.00	239 <sup>95</sup>
IsoPole 144 2m base station antenna		63.00	
IsoPole 220 220MHz base station antenna		63.00	
IsoPole 440 440MHz base station antenna		95.00	
HR-1 2m 1/2 wave telescopic whip w/BNC		29.00	
HR-2 220MHz 1/2 wave telescopic whip w/BNC		29.00	
SWR-121 HF Antenna performance analyzer		399.00	349 <sup>95</sup>
SWR-121VU VHF/UHF ant performance analy		469.00	399 <sup>95</sup>

## AEA - continued

AA.COM SWR curve IBM soft; 121/121VU	75.00	69 <sup>95</sup>
Carrying Case For SWR-121/121VU	29.00	

## MISCELLANEOUS

ARE-60/HL-60 HamLink Phone controller	\$269.00	239 <sup>95</sup>
ARE-61/HL-61 Interface cable for Icom	50.00	
ARE-62/HL-62 Interface cable for Kenwood	50.00	
ARE-63/HL-63 Interface cable for Yaesu	60.00	
OP-80 OpLink For fast CW/stereo headset	130.00	109 <sup>95</sup>
RL-60 Radio Link HF remote via handheld	329.00	289 <sup>95</sup>
ST-1 Satellite tracking hardware/software	399.00	369 <sup>95</sup>
AVT Master Amiga Video Sys; SSTV/FAX Δmwfv	319.00	129 <sup>95</sup>
DM-1 2m/220/440 FM deviation meter	169.00	159 <sup>95</sup>
World Clock	25.00	

## AES (AES)

Pentium 100 100MHz Intel/1.2Gig/8M/28SVGA	1499	
Quad Speed CD-ROM drive	129 <sup>95</sup>	

2-Year Parts & Labor Limited Warranty by: ASC Computers of West Allis, WI. For Info call Ron or Dick at Milwaukee

## ARRL (ARR)

100 1996 Radio Amateur's Handbook/software	\$ 38.00	
110 200 Meters and Down (early ham radio)	8.00	
115 AX.25 (packet radio)	8.00	
120 Advanced Class License Manual	12.00	
126 Antenna Book w/IBM software	30.00	
130 Antenna Compendium	10.00	
135 Antenna Compendium II	14.00	
138 Antenna Compendium IV w/software	20.00	
140 Antenna Impedance Matching	20.00	
145 Complete DX'er	12.00	
150 Data Book	15.00	
155 Extra Class License Manual	8.00	
160 FCC Rule Book	12.00	
165 First Steps in Radio	6.00	
170 General Class License Manual	12.00	
180 Grid Locator Atlas	5.00	
182 Ham Radio Made Easy	15.95	
185 Hints and Kinks	10.00	
190 Hostage in the Woods	6.00	
195 Introduction to Morse Code cassettes	10.00	
198 Introduction to Radio Frequency Design	30.00	
200 Log Book	3.50	
205 Low Profile Amateur Radio	8.00	
210 Morse Code the Essential Language	6.00	
215 Morse Tutor software for IBM	20.00	
220 Night Signals	5.95	
230 Novice Notes: The Book	6.00	
236 Now You're Talking II (new ham)	19.00	
240 Operating Manual	22.00	
251 1996 Passport to Worldband Radio	19.95	
252 Packet: Speed, More Speed & Applications	15.00	
253 Practical Packet Radio	15.95	
255 QST binder	12.00	



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260 RFI-How to Find It & Fix It .....	15.00
265 Radiogram message blanks ..... pad	2.00
271 1996-97 Repeater Directory .....	8.00
272 Repeater Directory software .....	14.95
275 Satellite Anthology .....	10.00
280 Satellite Experimenter's Handbook .....	20.00
285 Set 1 5-10 wpm code practice cassettes ..	10.00
290 Set 2 10-15 wpm code practice cassettes ..	10.00
295 Set 3 15-22 wpm code practice cassettes ..	10.00
300 Set 4 13-14 wpm code practice cassettes ..	10.00
305 Solid State Design .....	15.00
310 Technician Class License Manual .....	6.00
316 Technician Exam Review Guide .....	9.95
320 Transmitter Hunting .....	19.00
328 Understanding Basic Electronics .....	17.00
330 W1FB's Antenna Notebook .....	10.00
335 W1FB's Help for New Hams .....	10.00
340 W1FB's QRP Notebook .....	10.00
345 World Map .....	12.00
350 Yagi Antenna Design .....	15.00
354 Your Mobile Companion .....	12.00
356 Your VHF Companion .....	8.00
357 Your Ham Antenna Companion .....	10.00
358 Your Packet Companion .....	8.00
361 Your HF Digital Companion .....	10.00

## TOMPKINS BOOKS

360 CQ Ghost Ship .....	\$ 5.00
365 DX Brings Danger .....	5.00
370 Death Valley QTH .....	5.00
375 Grand Canyon QSO .....	5.00
380 Murder by QRM .....	5.00
385 SOS at Midnight .....	5.00

## RSGB PUBLICATIONS

405 Radio Communications Handbook .....	\$ 35.00
410 VHF/UHF Manual .....	30.00

## AIM (AIM)

24-7735P Coax stripper; RG-58/59/62 .....	\$ 38.25	19 <sup>95</sup>
24-7736P Coax stripper; RG-59/6/8281 .....	38.25	19 <sup>95</sup>
24-7739P Coax stripper; RG-8/11/213 .....	62.85	29 <sup>95</sup>
24-9912P Crimp tool for RG-174 .....	71.25	9 <sup>95</sup>
37-208 6-socket wall surge protector .....	32.85	6 <sup>95</sup>
37-503 6-socket surge/EMI/RFI filter .....	41.85	29 <sup>95</sup>
38-305 500ma 3/4.5/6/7.5/9/12vdc adapter ..	14.85	12 <sup>95</sup>
38-312 1.2A 1.5/3/4.5/6/7.5/9/12vdc adapt ..	43.50	24 <sup>95</sup>
38-384 4A power supply, 5A surge .....	88.50	39 <sup>95</sup>
64-3UUP 3' RG-58 w/PL-259s .....	6.75	
64-6UUP 6' RG-58 w/PL-259s .....	7.95	
64-9UUP 9' RG-58 w/PL-259s .....	8.85	
64-12UUP 12' RG-58 w/PL-259s .....	10.50	
64-18UUP 18' RG-58 w/PL-259s .....	11.70	

## ALINCO (ALI)

### ACCESSORIES FOR DISCONTINUED HT'S

EBP-12NA 12v 700ma quick charge batt Δm	\$ 61.00	
EDC-2 Cig charging cord; EBP-7NAZ .....	9.00	
EDC-8Z Mobile DC pwr cable w/filter .....	20.00	14 <sup>95</sup>
EDC-16 Cigarette lighter cable .....	12.00	
EDC-22 Wall charger for EBP-12NA .....	22.00	
EDC-26 DC cord/cgr w/filter; EBP-10NA .....	17.00	14 <sup>95</sup>
EDH-1 Dry cell battery case .....	14.00	
EJ-6U Tone squelch unit .....	42.00	29 <sup>95</sup>
ESC-10 Case; DJ-162T w/EBP-10NA .....	21.00	14 <sup>95</sup>
ESC-11 Case; DJ-560T/A, EBP-10NA .....	23.00	
DJ-F1T 2w 2m FM HT/batt/cgr/TTP .....	349.00	188 <sup>95</sup>
DJ-F1T/HP 5w 2m FM HT/batt/cgr/TTP .....	379.00	208 <sup>95</sup>
DJ-180T 2w 2m FM HT/batt/cgr/TTP .....	201.00	179 <sup>95</sup>
DJ-180TH 5w 2m FM HT/batt/cgr/TTP .....	224.00	204 <sup>95</sup>
DJ-480T 440 FM HT/batt/cgr/TTP .....	245.00	219 <sup>95</sup>
DJ-582T 2.5w 2m/440 FM HT/batt/cgr/TTP ..	404.00	359 <sup>95</sup>

## Reg Sale

## ALINCO - continued

DJ-582TH 5w 2m/440 FM HT/batt/cgr/TTP .....	426.00	384 <sup>95</sup>
EBC-3 Belt clip .....	5.00	
EBC-5 Shoulder belt w/soft case Δmwfv	54.00	19 <sup>95</sup>
EBC-6 Mobile bracket for DJ-180T .....	16.00	
EBP-14N 7.2v 400ma thin nicad; F1T Δmwfv	62.00	29 <sup>95</sup>
EBP-16N 7.2v 700ma nicad; DJ-F1T Δmwfv	47.00	39 <sup>95</sup>
EBP-18N 12v 600ma nicad batt; DJ-F1T ...	74.00	
EBP-20N/EBP-26N Extra 7.2v 700ma; 180/580	47.00	
EBP-22N/EBP-28N 12v 600ma batt; 180/580	70.00	
EBP-24N 7.2v 1200ma batt; 180/580/582T	78.00	
EDC-24 Wall cgr; 14/16/18/20/22/24N .....	24.00	
EDC-34 Quick charger .....	103.00	
EDC-36 Mobile DC power cable w/filter .....	21.00	
EDC-37 13.8v power cable .....	7.00	
EDC-43 Cig lighter cable .....	8.00	
EDC-49 Battery charger; EBP-20/22/24N ...	23.00	
EDH-5 AA dry cell pack .....	14.00	
EDH-11 AA alk pack; DJ-180/580/582T .....	10.00	
EDH-12 DC jack adapter; DJ-180T .....	10.00	
EJ-12U Tone decode unit; DJ-F1T .....	51.00	
EJ-14U 50 ch memory unit; DJ-180T .....	21.00	
EJ-15U 200 ch memory unit; DJ-180T .....	29.00	
EME-4 Ear/microphone w/PTT .....	34.00	
EME-6 Earphone .....	11.00	
EME-10/EME-10K Headset w/VOX/PTT .....	71.00	
EME-11 Ear/microphone w/PTT/VOX .....	52.00	
EMS-22 Speaker/mic .....	44.00	
EMS-8Z Remote speaker/mic .....	48.00	
ESC-15 Soft case for DJ-F1T .....	17.00	
ESC-17 Soft case; 580/582T w/EBP-20N ...	14.00	
ESC-18 Soft case; DJ-180T w/EBP-20N ...	14.00	
ESC-19 Soft case; DJ-180T w/EBP-22N .....	18.00	
ESC-26 Soft case; 580/582T w/EBP-22/24N	14.00	
DJ-G1T 2m FM HT/batt/cgr/TTP/ch scope .....	281.00	249 <sup>95</sup>

### FREE EBC-3 & EBC-8 from Alinco - DJ-G1T thru 6/30/96

EBC-6 Mobile bracket .....	16.00	
EBP-30N 7.2v 700ma nicad battery .....	50.00	
EBP-31N 7.2v 1200ma nicad battery .....	79.00	
EBP-32N 12v 722ma nicad battery .....	95.00	
EDC-36 Mobile DC power cable w/filter .....	21.00	
EDC-37 13.8v power cable .....	7.00	
EDC-52 Quick charger .....	119.00	
EDC-55 Wall cgr; EBP-30/31/32N .....	23.00	
EDH-14 Dry cell battery case .....	15.00	
EJ-16U Tone squelch unit .....	57.00	
EME-12 Headset w/earphone/mic/VOX .....	70.00	
EME-13 Headset w/ear bud/mic/VOX .....	70.00	
EME-15 Earphone/mic w/VOX .....	55.00	
EMS-8Z Remote speaker/mic .....	48.00	
EMS-9 Speaker/mic .....	44.00	
ESC-23 Soft case for EBP-30N .....	16.00	
ESC-24 Soft case for EBP-31N/32N .....	21.00	
DJ-191T 2m FM HT/batt/cgr/TTP .....	246.00	219 <sup>95</sup>
DJ-191TH 5w 2m FM HT/batt/cgr/TTP .....	269.00	239 <sup>95</sup>

### FREE EDC-36 from Alinco - DJ-191T/TH thru 6/30/96

DJ-G5TH 2m/440 FM HT/EBP-36N/cgr/TTP ..	460.00	414 <sup>95</sup>
DJ-G5TY 2m/440 FM HT/EBP-37N/cgr/TTP ..	438.00	399 <sup>95</sup>

**FREE EMS-9 & ESC-28, 29 OR 30 from Alinco - DJ-G5TH/DJ-G5TY thru 6/30/96**

EBC-6 Mobile bracket .....	16.00	
EBP-33N 4.8v 650ma nicad battery .....	63.00	
EBP-34N 4.8v 1200ma nicad battery .....	82.00	
EBP-35N 7.2v 900ma nicad battery .....	97.00	
EBP-36N 9.6v 650ma nicad battery .....	67.00	
EBP-37N 4.8v 700ma nicad battery .....	34.00	
EDC-36 Mobile DC power cable w/filter .....	21.00	
EDC-60 Quick charger .....	94.00	
EDH-16 Dry cell battery case .....	10.00	
EJ-28U CTCSS decoder unit; DJ-191T/TH ...	42.00	
EME-6 Earphone .....	11.00	
EME-12 Headset w/earphone/mic/VOX .....	70.00	
EME-13 Headset w/ear bud/mic/VOX .....	70.00	
EMS-8Z Remote speaker/mic .....	48.00	
EMS-9 Speaker/mic .....	44.00	
ESC-28 Soft case for EBP-33N .....	10.00	
ESC-29 Soft case for EBP-37N .....	10.00	
ESC-30 Soft case for EBP-34N/35N/36N ...	10.00	
DR-M06T 10w 6m FM Xcvr w/TTP mic .....	381.00	339 <sup>95</sup>

## Reg Sale

## ALINCO - continued

EJ-19U Memory expansion unit .....	28.00	
EJ-20U Tone squelch unit .....	41.00	
DR-130T 50w 2m FM Xcvr w/TTP mic .....	314.00	279 <sup>95</sup>
<b>FREE EJ-19U &amp; packet radio cable OR EJ-20U &amp; packet radio cable from Alinco - DR-130T thru 6/30/96</b>		
DR-150T 50w 2m FM Xcvr w/TTP mic/9600 ...	336.00	299 <sup>95</sup>
<b>FREE EJ-20U from Alinco - DR-150T thru 6/30/96</b>		
CC-150 Cloning cable for DR-150T .....	14.00	
DR-130T 440 FM Xcvr w/TTP mic .....	361.00	329 <sup>95</sup>
EJ-19U Memory expansion unit .....	28.00	
EJ-20U Tone squelch unit .....	41.00	
EJ-8U DTMF squelch; DR-590/592/599 ...Δm	47.00	
DR-600TB 45/35w 2m/440 FM/TTP .....	618.00	539 <sup>95</sup>
EDC-19 9.75' separation mounting kit .....	40.00	
EDC-20 16' separation mounting kit .....	46.00	
EJ-7U Tone squelch unit .....	69.00	
DR-610T 50/35w 2m/440 FM Xcvr/TTP mic ...	674.00	599 <sup>95</sup>
<b>FREE EDS-3 &amp; EBC-8 from Alinco - DR-610T thru 6/30/96</b>		
EBC-8 Front control head bracket .....	16.00	
EDS-1 Junction box w/ext spkr, mic jacks ...	56.00	
EDS-2 3 meter extension cable for EDS-1	23.00	
EDS-3 5 meter extension cable for EDS-1	39.00	
EJ-23U Additional memory unit .....	35.00	
EJ-24U Tone decoder unit .....	85.00	
EHM-36A/EMS-10 TTP mic; DR-1200T only ...	54.00	
DX-70T Compact HF Xcvr w/6m .....	1024.00	899 <sup>95</sup>
<b>FREE EBC-9 &amp; EDS-4 from Alinco - DX-70T thru 6/30/96</b>		
DM-1350/DM-1350-1 30A 110V ps/35A surge	198.00	179 <sup>95</sup>
EBC-8 Front control head bracket .....	16.00	
EBC-9 Mobile bracket .....	32.00	
EDS-4 Rem mt acc kit w/5' cable, 2 covers	31.00	
EDS-5 Microphone extension cable .....	28.00	
EDX-1 Manual antenna tuner .....	299.00	259 <sup>95</sup>
EMS-14 Desk top microphone .....	113.00	

## ALPHA DELTA (ALP)

R-T 200w 500 MHz lightning protector .....	\$ 32.95	
Extra arc-plug cartridge for R-T .....	12.95	
R-T/N 200w thru 1 GHz type N protector .....	39.95	
Extra arc-plug cartridge for R-T/N .....	12.95	
HV 2kw 500 MHz lightning protector .....	35.95	
Extra arc-plug cartridge for HV .....	15.95	
HV/N 2kw thru 1 GHz type N protector .....	42.95	
Extra arc-plug cartridge for HV/N .....	15.95	
LT 200w thru 10m 'T' SO-239 protector .....	22.95	
Extra arc-plug cartridge for LT or LT/N .....	17.95	
Delta-2 500 MHz 2-pos coax switch/protector	49.95	
Delta-2/N 1.3 GHz 2-pos type N switch/protector	64.95	
Delta-4 500 MHz 4-pos coax switch/protector	79.95	
Delta-4/N 1.3 GHz 4-pos type N switch/protector	89.95	
D-4 Extra arc-plug; Delta-2/2N/4/4N .....	9.00	
DX-80 80m 134' complete dipole antenna .....	49.95	
DX-40 40m 67' complete dipole antenna .....	39.95	
DX-20 20m 34' complete dipole antenna .....	39.95	
DX-A 160-80-40m twin sloper antenna .....	59.95	
DX-B 160-80-40-30m 60' sloper ant .....	69.95	
DX-CC 80-10m 5-band 82' no trap, no tuner dipole	119.95	
DX-DD 80-40m 82' Delta Dipole antenna .....	89.95	
DX-EE 40-10m 4-band 40' no trap, no tuner dipole	99.95	
DX-SWL AM broadcast-13m 60' SWL sloper ant	79.95	
DX-SWL-S 90-13m 40' SWL sloper ant Δmwv	59.95	24 <sup>95</sup>
DX-Ultra AM broadcast-30MHz 80' SWL dipole	119.95	
Delta-C Kit w/ctr ins/2 end ins/static protect	29.95	
SEP Extra arc-plug cart; DX-Ultra/Delta-C	15.95	
Delta-CIN Antenna end insulator .....	each 1.00	

## ALPHA NEONX (ALN)

Call Sign Neon sign; specify call, spec order*	\$ 199.95
Call w/On Air Neon sign; specify; spec order*	249.95
*Neon signs are custom made and drop-shipped from the factory and are not returnable.	

## AMECO PUBLICATIONS (AME)

4-01 Code Course Instruction Booklet .....	\$ 1.50
6-01 Mastering the Morse Code .....	2.50
12-01 General Class FCC Test Manual .....	9.95
17-01 Extra Class FCC Test Manual .....	5.95
23-01 Novice Theory Course .....	6.95
26-01 Advanced Class FCC Test Manual .....	9.95



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AMECO - continued		Reg Sale
27-01 Novice Class FCC Test Manual .....	5.95	
28-01 Technician Class FCC Test Manual .....	5.95	
78-01 Codeless Technician FCC Test Manual ..	9.95	
102-01 Amateur Radio Theory Course .....	7.95	
EN-1 Novice Class Exam .....	1.95	
CODE COURSES - CASSETTE TAPES		
100-T Junior code tape, 0-7½ wpm .....	\$ 5.95	
101-T Senior code tapes, 0-18 wpm .....	10.95	
103-T Advanced code tape, 8-18 wpm .....	5.95	
104-T Extra Class code tape, 20 wpm .....	5.95	
105-QT General Class QSO code course tape ...	5.95	
106-QT Extra Class QSO code course tape ....	5.95	
107-PC-2 IBM Morse Code Course, version 2.0	29.95	
NP-1 Novice Code & Theory Course .....	10.95	
CODE PRACTICE OSCILLATORS & CODE KEYS		
OCM-2K Code oscillator & CW monitor kit .....	\$ 19.95	
OCM-2W Wired oscillator & CW monitor .....	24.95	
K-1 Bakelite type key .....	9.95	
K-4 Brass type key .....	14.95	
PREAMPLIFIERS		
TPA Tunable preamp & indoor active ant .....	\$ 76.95	69 <sup>95</sup>
P-9T Power supply for TPA .....	9.50	
PT-3 2-54 MHz transceiver preamp .....	124.95	119 <sup>95</sup>
P-12T Power supply for PT-3 .....	9.95	
FILTERS		
HP-75T 75 ohm high-pass filter .....	\$ 12.95	
HP-300T 300 ohm high-pass filter .....	12.95	
AMERITRON (AMR)		
AL-80B 1kw PEP out linear (3-500Z) .....	1195.00	1069
AL-82 1.5kw PEP out linear (2 3-500Zs) .....	2095.00	1769
AL-800 1250w PEP out linear (3CX800A7) .....	1595.00	1429
AL-800H 1.5kw PEP out linear (2 3CX800A7) ..	2295.00	2059
AL-811 600w PEP out linear (3 811As) .....	649.00	589 <sup>95</sup>
AL-811H 800w PEP out linear (4 811As) .....	795.00	719 <sup>95</sup>
AL-1200 1.5kw PEP out linear (3CX-1200A7) ..	2195.00	1849
AL-1500 Linear amplifier (8877) .....	2695.00	2269
ALS-500M 600w PEP out solid state mob amp	799.00	679 <sup>95</sup>
ALS-600 700w PEP out solid state amp w/ps	1299.00	1099
ATR-15 1.5kw antenna tuner .....	399.00	349 <sup>95</sup>
ICP-120 120v inrush protector .....	79.00	
ICP-240 240v inrush protector .....	79.00	
QSK-5 Stand alone T/R switch .....	349.00	299 <sup>95</sup>
QSK-5PC PC board kit; T/R switch .....	249.00	209 <sup>95</sup>
CF-5 Cooling fan for QSK-5 .....	39.95	
RCS-4 4-pos wireless remote coax switch ....	139.00	129 <sup>95</sup>
RCS-8V 160-2m 5-pos remote coax switch ...	149.00	139 <sup>95</sup>
Note: RCS-8V requires 8-wire control cable.		
ANLI (ANL)		
A-200 2m/440 4.5/7.2db 6' base antenna ....	\$ 99.95	89 <sup>95</sup>
A-300 2m/440 6.8/9.3db 11.5' base ant .....	149.95	129 <sup>95</sup>
A-1000 2m/440 8.5/11.8db 17.5' base ant ...	199.95	169 <sup>95</sup>
AL-800 2m/440 BNC rubber duck antenna ....	39.90	
RD-8 2m/440 6.5" BNC whip .....	19.95	
RD-78 2m/440 15" BNC whip .....	26.90	
S-1 2m/440 2.15/3.2db 14" whip .....	27.90	
CM-1 Clip mt w/angle adjust BNC, coax .....	19.95	
CM-2 Clip mt w/BNC, coax .....	17.95	
WA-1 Window/sun roof clip mt/BNC, coax ...	23.95	
AT-2 2m/440 3/5db NMO mt mobile ant .....	49.95	
AT-2/Plus 2m/440 4.1/6db NMO mt mob .....	59.95	
AT-2A/Plus 2m/220 4.1/4.8 NMO mt mob .....	59.95	
AT-2/Plus Tri 2m/220/440 4.1/4.8/6db NMO ...	69.95	
AT-3 2m/440 2.15/3db 19" UHF mt mob .....	29.95	
AT-4 2m/440 3/5.5db 38" NMO mt mobile ant ...	49.95	
AT-4/NMO 2m/440 38" NMO mt w/coax ....Dm	49.95	34 <sup>95</sup>
AT-4/UHF 2m/440 3/5.5db 38" UHF mt ....Dmfv	47.95	34 <sup>95</sup>
MC-1/NMO NMO-style magnet mt w/coax ....	28.95	
MC-1/UHF UHF-style magnet mt w/coax .....	28.95	
MC-2 Super suction & mag mt; NMO/UHF ..	37.95	
TA-1/NMO NMO-style trunk mt w/coax .....	28.95	
TA-1/UHF UHF-style trunk mt w/coax .....	28.95	
TA-2 Hvy duty rubber coated trk lip mt; NMO/UHF	34.95	
DX-2 2m/440 450/300w duplexer/UHF conn ..	43.95	
DX-2/Lead 2m/440 450/300w duplexer/lead/UHF	46.95	
DX-2MN 2m/440 450/300w duplexer/N conn ..	43.95	

ANLI - continued		Reg Sale
DX-2MNL 2m/440 450/300w duplexer/lead/N	46.95	
MT-1 2m/440 15/60w SWR/power meter .....	49.95	
SB-752 12vdc 6.5A port batt power pack .....	59.95	
SB-791 5A ps w/cig outlet; not for radio ..Dm	29.95	9 <sup>95</sup>
TX-3 2m/440/900-1.2 800/800/200w triplexer	54.95	
Antenna Specialists (ASP)		
VHF/UHF ANTENNAS		
AP-143 2m on glass cellular look-alike ant .....	\$ 65.00	59 <sup>95</sup>
APR151.3 2m 3db on glass antenna .....	49.25	44 <sup>95</sup>
AP-453 440 on glass cell look-alike ant ..Dmfv	65.00	29 <sup>95</sup>
APR450.5G 440 5db on glass ant .....	54.50	34 <sup>95</sup>
KAV-382 On glass replacement mtg kit .....	9.95	
ASPC201L 108-512MHz ¼ wv ¾" hole ant ....Δw	22.75	9 <sup>95</sup>
HOLE PLUGS		
ASC-34 For 1¼" hole .....	Dwf \$ 4.75	49 <sup>95</sup>
ASC-37 For ¾" hole .....	Dmfv 2.25	1 <sup>95</sup>
ASC-39 For ¾" hole .....	Dmwf 2.25	29 <sup>95</sup>
Antenna Supermarket (ANT)		
Eavesdropper* 60-11m trap dipole SWL ant ...	\$ 79.95	
*Specify SO-239 or twin-lead		
SWL Sloper 120-11m SWL antenna .....	79.95	
ARTSCI (ART)		
Amateur Handbook .....	\$ 14.95	
Lost Users Manuals .....	19.95	
Riding the Airwaves with Alpha & Zulu .....	14.95	
US Repeater Guide .....	9.95	
US Repeater CD-ROM info plus U.S. hams .....	29.95	
ASTATIC (AST)		
TODA-L Dynamic mic head (no stand or cable) ...	\$ 69.99	49 <sup>95</sup>
D-104-L Crystal mic head (no stand or cable) ...	42.99	39 <sup>95</sup>
T-U69 Amplified desk stand .....	52.00	49 <sup>95</sup>
T-U69-D104 Amp mic, 6-wire w/stand .....	99.99	79 <sup>95</sup>
Night Eagle Brass/black crystal desk mic .....	129.99	99 <sup>95</sup>
MC-320 Crystal mic cartridge for D-104 .....	19.99	
MC-321 Ceramic mic cartridge for D-104 .....	19.99	
ASTRON (ASR)		
RS-4L 3A ps, 4A surge, w/cig lighter socket ..	\$ 57.95	49 <sup>95</sup>
RS-7A 5A power supply, 7A surge .....	68.95	59 <sup>95</sup>
RS-10A 7.5A power supply, 10A surge .....	85.95	69 <sup>95</sup>
RS-12A 9A power supply, 12A surge .....	99.95	79 <sup>95</sup>
RS-12S 9A ps, 12A surge, w/speaker .....	112.95	89 <sup>95</sup>
RS-20A 16A power supply, 20A surge .....	121.95	99 <sup>95</sup>
RS-35A 25A power supply, 35A surge .....	197.95	149 <sup>95</sup>
RS-35A/220V 220v 25A ps, 35A surge .....	217.75	169 <sup>95</sup>
RS-50A 37A power supply, 50A surge .....	285.95	219 <sup>95</sup>
RS-70A 57A power supply, 70A surge .....	339.95	259 <sup>95</sup>
RS-20M 16A ps w/meters, 20A surge .....	144.95	119 <sup>95</sup>
RS-35M 25A ps w/meters, 35A surge .....	204.95	169 <sup>95</sup>
RS-50M 37A ps w/meters, 50A surge .....	314.95	239 <sup>95</sup>
RS-70M 57A ps w/meters, 70A surge .....	372.95	289 <sup>95</sup>
VS-20ML Variable 16A ps/meters, 20A surge ..	170.95	139 <sup>95</sup>
VS-35M Variable 25A ps/meters, 35A surge ..	238.95	189 <sup>95</sup>
VS-50M Variable 37A ps/meters, 50A surge ..	330.95	259 <sup>95</sup>
RM-35M 25A rack mt ps/meters, 35A surge ..	318.95	249 <sup>95</sup>
RM-50M 37A rack mt ps/meters, 50A surge ..	354.95	279 <sup>95</sup>
RM-60M 50A rack mt ps/meters, 55A surge ..	467.95	359 <sup>95</sup>
12/115 200w solid state 12vdc-115vac inverter .	79.95	59 <sup>95</sup>
2412 9A 22-32vdc to 13.8vdc converter .....	73.95	59 <sup>95</sup>
2412 20 16A 22-32vdc to 13.8vdc converter	103.95	79 <sup>95</sup>
AZDEN (AZD)		
PCS-7500H 50w 6m FM Xcvr w/TTP mic .....	389 <sup>95</sup>	
PCS-7800H 50w 10m FM Xcvr w/TTP mic .....	389 <sup>95</sup>	
PCS-7000H 50w 2m FM Xcvr w/TTP mic .....	339 <sup>95</sup>	
PCS-7200 25w 220 FM Xcvr w/TTP mic .....	409 <sup>95</sup>	
PCS-7300H 35w 440 FM Xcvr w/TTP mic .....	439 <sup>95</sup>	
PCS-9600D 35w 440 FM Xcvr/9600 baud .....	649 <sup>95</sup>	
AZ-11 5w 10m FM HT/batt/cgr/TTP .....	379 <sup>95</sup>	
AZ-21A 5w 2m FM HT/batt/cgr/TTP .....	299 <sup>95</sup>	
AZ-61 5w 6m FM HT/batt/cgr/TTP .....	379 <sup>95</sup>	
AD-16 DC power cord for HT .....	9 <sup>95</sup>	
ARD-6M 6m HT gain antenna .....	34 <sup>95</sup>	
ARD-10M 10m HT gain antenna .....	39 <sup>95</sup>	

AZDEN - continued		Reg Sale
BP-11A Extra 5w battery .....	59 <sup>95</sup>	
LC-16 Soft case .....	19 <sup>95</sup>	
SDX-514W Speaker/mic .....	49 <sup>95</sup>	
DM-10 20 ohm headphones for HF radio .....	49 <sup>95</sup>	
HS-03 Boom mic/headphones for HF Xcvr ...†	49 <sup>95</sup>	
PTT-01 Switch for boom mic/headphones ...	39 <sup>95</sup>	
PTT-02 VOX for boom mic/headphones .....	49 <sup>95</sup>	
B & K (B&K)		
AUDIO TEST INSTRUMENT		
2005A RF generator .....	\$275.00	234 <sup>95</sup>
CAPACITANCE METERS		
810B Capacitance meter .....	\$ 99.00	89 <sup>95</sup>
815 Tester (cap/res/Hfe/diode/batt) .....	99.00	84 <sup>95</sup>
820 .1pF to 1F capacitance meter .....	279.00	229 <sup>95</sup>
830 200 pF to 200mF autoranging meter .....	325.00	259 <sup>95</sup>
875A Digital LCR meter .....	199.00	169 <sup>95</sup>
878 Universal hand-held LCR bridge .....	275.00	219 <sup>95</sup>
COUNTERS		
1803C 100 MHz frequency counter .....	\$209.00	169 <sup>95</sup>
1806 100 MHz multi-function counter .....	249.00	214 <sup>95</sup>
1807 1.3GHz 1 ppm frequency counter .....	299.00	259 <sup>95</sup>
1823 175 MHz universal counter .....	399.00	339 <sup>95</sup>
1856A 2.4 GHz 1 ppm multi-function ctr .....	499.00	399 <sup>95</sup>
CRT RESTORER/ANALYZERS		
480 CRT restorer/analyzer .....	\$739.00	629 <sup>95</sup>
490 Tri Dynamic restorer/analyzer .....	1049.00	899 <sup>95</sup>
DIGITAL PRODUCTS		
DP-21 Digital logic probe .....	\$ 34.00	29 <sup>95</sup>
DP-51 Digital probe .....	Dm 95.00	49 <sup>95</sup>
DP-101 Digital pulsing probe .....	D 111.00	94 <sup>95</sup>
EPROM PROGRAMMERS		
840 EPROM programmer .....	\$229.00	199 <sup>95</sup>
841 4-socket EPROM programmer .....	299.00	259 <sup>95</sup>
842 Universal programmer, PC card interface	849.00	729 <sup>95</sup>
843 Universal prog, parallel port interface ...	995.00	849 <sup>95</sup>
GENERATORS		
1280 Computer monitor video generator .....	\$429.00	369 <sup>95</sup>
3001 Audio generator .....	79.00	66 <sup>95</sup>
3017A 2 MHz sweep/function generator ....D	339.00	269 <sup>95</sup>
3026 5 MHz sweep/function gen w/dig disp D	629.00	499 <sup>95</sup>
3030 .001 Hz-5 MHz sweep/function gen ....D	865.00	699 <sup>95</sup>
3040 Universal func gen w/freq counter ....D	1195.00	949 <sup>95</sup>
4010 2 MHz function generator .....	229.00	194 <sup>95</sup>
4011 5 MHz function generator w/counter ....	284.00	239 <sup>95</sup>
4017 10 MHz func gen w/counter/sweep .....	369.00	314 <sup>95</sup>
4040 20 MHz func gen/ctr/sweep/AM/FM .....	499.00	424 <sup>95</sup>
ISOLATION TESTERS		
305 Ins tester, 1000 megohms, 500vdc applied	\$129.00	109 <sup>95</sup>
306 Ins tester, 100 megohms, 500vdc applied	129.00	109 <sup>95</sup>
HIGH VOLTAGE PROBE		
HV-44 Direct-reading 40kV DC probe .....	\$109.00	89 <sup>95</sup>
ISOLATION TRANSFORMER		
TR-110 Isolation transformer .....	\$219.00	189 <sup>95</sup>
MULTIMETERS (ANALOG)		
114 20,000 ohms/volt analog multimeter Dm	\$ 42.00	19 <sup>95</sup>
114A 20,000 ohms/volt analog multimeter ...	42.00	39 <sup>95</sup>
117 Pocket size analog multitester .....	13.00	
214 30,000 ohms/volt analog multimeter Dm	55.00	34 <sup>95</sup>
214A 30,000 ohms/volt analog multimeter ...	55.00	46 <sup>95</sup>
300 Insulation tester .....	129.00	109 <sup>95</sup>
MULTIMETERS (DIGITAL)		
320 600A AC clamp meter .....	\$ 79.00	69 <sup>95</sup>
330 750A AC multi-function clamp meter ....	85.00	74 <sup>95</sup>
340A 300A multi-function clamp meter .....	109.00	89 <sup>95</sup>
350A 1000A multi-function clamp meter .....	145.00	124 <sup>95</sup>
366 600A AC/DC multi-func clamp meter ....	179.00	154 <sup>95</sup>
367 2000A AC/DC clamp meter .....	169.00	149 <sup>95</sup>
388A Test Bench DMM, 0.5% accuracy .....	119.00	99 <sup>95</sup>
389 Test Bench DMM, 0.25% accuracy .....	139.00	109 <sup>95</sup>
390 Test Bench DMM, 0.1% accuracy .....	159.00	134 <sup>95</sup>
391 Test Bench DMM, 0.05% accuracy .....	179.00	149 <sup>95</sup>
2405 Mini Pro DMM .....	27.00	
2406 Mini Pro DMM w/temperature .....	49.00	44 <sup>95</sup>
2407 Min Pro autoranging DMM w/bargraph .	55.00	49 <sup>95</sup>
2700 Credit-card size bargraph DMM .....	33.00	29 <sup>95</sup>



## B & K - continued

2703A	Tool kit DMM, basic model, 0.5% .....	39.00	34 <sup>95</sup>
2704A	Tool kit DMM w/cap/transistor/diode ..	59.00	49 <sup>95</sup>
2706	Tool kit DMM, 2704A plus temperature ..	79.00	69 <sup>95</sup>
2707	Tool kit DMM, 2704A plus logic & freq ..	89.00	76 <sup>95</sup>
2831A	Digital bench multimeter .....	299.00	249 <sup>95</sup>
2832	3 1/2-dig 0.5% lab multimeter .....	219.00	189 <sup>95</sup>
2833	4 1/2-dig 0.05% true RMS multimeter .....	400.00	339 <sup>95</sup>
2835	3 1/2-dig 0.5% bench type LCD DMM .....	270.00	229 <sup>95</sup>
2860	3 1/2-dig 0.5% ruggedized DMM .....	99.00	84 <sup>95</sup>
2870	Survivor DMM w/bargraph, true RMS ....	149.00	129 <sup>95</sup>
2912	3 1/2-dig 0.3% analog/bargraph meter ..D	149.00	119 <sup>95</sup>
3000	Autobench DMM .....	270.00	229 <sup>95</sup>
TLA-20	Autobench test lead set .....	269.00	249 <sup>95</sup>

## OSCILLOSCOPES

1422	20 MHz mini scope .....	1395.00	1099
1541C	40 MHz 6" dual trace scope .....	799.00	679 <sup>95</sup>
2000	Autobench oscilloscope .....	795.00	674 <sup>95</sup>
2120	20 MHz dual trace oscilloscope .....	549.00	449 <sup>95</sup>
2125	20 MHz dual time base oscilloscope .....	646.00	519 <sup>95</sup>
2160	60 MHz dual trace delayed sweep .....	1099.00	889 <sup>95</sup>
2190A	100 MHz three trace delayed sweep ....	1599.00	1359
2260	60 MHz analog scope/cursors/readouts ..	1399.00	1169
2522A	Digital storage oscilloscope .....	1099.00	929 <sup>95</sup>
2560	60MHz DSO, cursors/readouts/RS232 ..	2395.00	2029

## POWER SUPPLIES

1604	Portable isolated AC supply .....	\$114.00	99 <sup>95</sup>
1646	0-16V, 0-10A power supply .....	499.00	329 <sup>95</sup>
1651	Power supply; (2) 0-24vdc, .5A; 5V, 4A ..	429.00	359 <sup>95</sup>
1653	0-150V, 2A isolated AC ps .....	319.00	279 <sup>95</sup>
1655	0-150V, 3A isolated AC ps/leak tester ..	529.00	449 <sup>95</sup>
1670	Triple output DC power supply .....	199.00	169 <sup>95</sup>
1680	Fixed 6A 13.8vdc power supply .....	50.00	44 <sup>95</sup>
1682	Fixed 15A 13.8vdc power supply .....	99.00	89 <sup>95</sup>
1686	High current DC power supply .....	199.00	169 <sup>95</sup>
1688	3-14VDC, 25A non. power supply .....	299.00	259 <sup>95</sup>
1705	0-30VDC, 0-1A LED readout ps .....	299.00	259 <sup>95</sup>
1710	0-30VDC, 0-1A power supply .....	229.00	194 <sup>95</sup>
1711	0-60VDC, 0-2A power supply .....	309.00	264 <sup>95</sup>
1715	0-60VDC, 0-2A LED readout ps .....	379.00	324 <sup>95</sup>
1730	0-30VDC, 0-3A power supply .....	315.00	269 <sup>95</sup>
1735	0-30VDC, 0-3A LED readout ps .....	380.00	329 <sup>95</sup>
1740	0-60VDC, 0-4A power supply .....	499.00	419 <sup>95</sup>
1743	0-35VDC, 0-6A LED readout ps .....	499.00	419 <sup>95</sup>
1746	0-16VDC, 0-10A power supply .....	499.00	419 <sup>95</sup>
1760	0-30V, 2A; (1) 4-6.5V, 5A LED ps ....	649.00	549 <sup>95</sup>

## SEMICONDUCTOR TESTERS

510	Portable transistor tester .....	\$239.00	199 <sup>95</sup>
520B	Industrial transistor tester .....	399.00	339 <sup>95</sup>
541	Component comparator .....	449.00	279 <sup>95</sup>
545	Circuit analyzer analog signature .....	2950.00	2499
560A	Programmable PC board tester .....	3500.00	2969
AK-560A	Software package for 560A .....	495.00	399 <sup>95</sup>

## SPECTRUM ANALYZERS

2615	500 MHz spectrum analyzer .....	1795.00	1529
2620	500 MHz spec analyzer w/tracking gen ..	2195.00	1869
2625	1.05GHz spec analyzer w/AM/FM demod ..	2595.00	2199
2630	1.05GHz spec an w/demod, tracking gen ..	3395.00	2889

## TELEPHONE TEST INSTRUMENTS

1045A	Telephone product tester .....	\$599.00	499 <sup>95</sup>
1050	Telephone product analyzer .....	2260.00	1899

## VIDEO TEST INSTRUMENTS

1211D	Portable color generator .....	\$235.00	199 <sup>95</sup>
1249A	NTSC generator w/RGB .....	569.00	489 <sup>95</sup>
1251	NTSC signal generator .....	1195.00	999 <sup>95</sup>
1260	Deluxe NTSC signal generator .....	1995.00	1699

## ACCESSORIES

CP-3	AC/DC clamp meter .....	\$ 86.00	79 <sup>95</sup>
PR-28	HV multimeter probe w/std dual banana ..	59.00	



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## Reg Sale

## B & K - continued

PR-32	RF detector/demod scope probe w/BNC ..	69.00	59 <sup>95</sup>
PR-37G	Gray dlx 10:1 direct BNC probe .....	54.50	34 <sup>95</sup>
PR-37R	Red dlx 10:1 direct BNC probe .....	54.50	34 <sup>95</sup>

Other accs available on special order. B & K stocked only at Milwaukee. Call Ron Glisch for B & K.

## B & W COAX SWITCHES (B&W)

CSR-5G	5-position, side connectors .....	\$ 51.50	49 <sup>95</sup>
CS-6G	6-position, for desk/wall mounting .....	51.50	49 <sup>95</sup>

Note: Above switches provide grounding of unused terminals, & are supplied w/face plates & knobs.

## LOW-PASS FILTERS

FL-10/1500	1.5-30 MHz, 1kw, 52 ohms .....	\$ 50.00	
FL-10/1500/70	1.5-30MHz/1kw/72 ohm ..Dm .....	55.00	12 <sup>95</sup>

## ANTENNAS

AP-10	57" portable 40/20/15/10/6/2m ant ...	\$ 69.95	
AT-55	40/20/15/10m 55' trap antenna .....	79.95	74 <sup>95</sup>
AT-110	80/40/20/15/10m 110' trap antenna .....	89.50	84 <sup>95</sup>
AT-110K	As above, but kit .....	76.95	69 <sup>95</sup>
AS-160	160/80/40/20m 137' trap dipole .....	149.50	139 <sup>95</sup>
AS-80	80/40/20m 78' trap dipole .....	115.75	109 <sup>95</sup>
AS-40	40/20/15/10m 40' trap dipole .....	149.50	139 <sup>95</sup>
AS-20	20/15/10m 23' trap dipole .....	115.75	99 <sup>95</sup>
AXS-160	160/30m 96' trap dipole .....	115.75	99 <sup>95</sup>
AXS-80	80/40/15m 72' trap dipole .....	115.75	99 <sup>95</sup>
AC-3.5-30	80-10m 8-band 90' dipole .....	198.00	179 <sup>95</sup>
AC-1.8-30	Continuous 1.8-30 MHz antenna ..	198.00	179 <sup>95</sup>
BWD-1.8-30	1.8-30 MHz 90' folded dipole ....	198.00	179 <sup>95</sup>

## BELDEN (BEL)

### 52 OHM COAXIAL CABLE

8216	RG-174 (sub-miniature) .....	per ft.	26¢
8216	.....	100 ft. Roll	37.29
8216	.....	500 ft. Roll	129.87
8216	.....	1000 ft. Roll	259.74
9201	RG-58 (solid center) .....	per ft.	20¢
9201	.....	100 ft. Roll	29.74
9201	.....	500 ft. Roll	109.89
9201	.....	1000 ft. Roll	216.45
8240	RG-58U (solid center) .....	per ft.	26¢
8240	.....	100 ft. Roll	38.20
8240	.....	500 ft. Roll	131.00
8240	.....	1000 ft. Roll	262.00

8259	RG-58AU (stranded center) .....	per ft.	29¢
8259	.....	100 ft. Roll	43.00
8259	.....	500 ft. Roll	137.00
8259	.....	1000 ft. Roll	276.00
8219	RG-58AU (stranded, foam) .....	per ft.	33¢
8219	.....	100 ft. Roll	57.25
8219	.....	500 ft. Roll	155.00
8219	.....	1000 ft. Roll	387.50

8262	RG-58C (non-contaminating) .....	per ft.	36¢
8262	.....	100 ft. cut	32 <sup>95</sup>
8262	.....	500 ft. Roll	173.00
8262	.....	1000 ft. Roll	346.00

9258	RG-8X (stranded, foam) .....	per ft.	39¢
9258	.....	100 ft. Roll	81.25
9258	.....	500 ft. Roll	217.56
9258	.....	1000 ft. Roll	490.00

8237	RG-8U .....	per ft.	64¢
8237	.....	100 ft. Roll	102.00
8237	.....	500 ft. Roll	390.00

8214	RG-8U (foam) .....	per ft.	59¢
8214	.....	100 ft. Roll	101.00
8214	.....	500 ft. Roll	452.00
8214	.....	1000 ft. Roll	898.00

9913	RG-8U (low loss) .....	100 ft. Roll	113.00
9913	.....	250 ft. Roll	244.00
9913	.....	500 ft. Roll	486.00

9251	RG-8A (non-contaminating) .....	per ft.	87¢
9251	.....	100 ft. Roll	132.09



## BELDEN - continued

9251	.....	500 ft. Roll	492.84	299 <sup>95</sup>
8267	RG-213 (non-contaminating) .....	per ft.		76¢
8267	.....	100 ft. cut		69 <sup>95</sup>
8267	.....	500 ft. Roll	597.18	299 <sup>95</sup>
8242	RG-9U (double shielded) .....	per ft.,m		4 <sup>95</sup>
8242	.....	100 ft. Roll,m	715.00	349 <sup>95</sup>

## 72 OHM COAXIAL CABLE

8241	RG-59U (72 ohm, solid center) .....	per ft.		28¢
8241	.....	100 ft. Roll	44.00	24 <sup>95</sup>
8241	.....	500 ft. Roll	123.00	79 <sup>95</sup>
8241	.....	1000 ft. Roll	246.00	149 <sup>95</sup>
8238	RG-11 (72 ohm, stranded center) .....	per ft.		79¢
8238	.....	100 ft. Roll	124.32	69 <sup>95</sup>
8238	.....	500 ft. Roll	470.64	279 <sup>95</sup>
8213	RG-11 (72 ohm, solid, foam) .....	per ft.		69¢
8213	.....	100 ft. cut		59 <sup>95</sup>
8213	.....	500 ft. Roll	360.00	239 <sup>95</sup>

## ROTOR CABLE

8484	4-wire; 4-20 ga; U-105 .....	per ft.		28¢
8484	.....	100 ft. Roll	48.00	24 <sup>95</sup>
8484	.....	500 ft. Roll	185.00	99 <sup>95</sup>
8484	.....	1000 ft. Roll	370.00	189 <sup>95</sup>
8448	8-wire; 2-18, 6-22 ga; CD-45/HAM-IV ..	per ft.		49¢
8448	.....	100 ft. Roll	103.75	44 <sup>95</sup>
8448	.....	500 ft. Roll	412.50	169 <sup>95</sup>
8448	.....	1000 ft. Roll	820.00	329 <sup>95</sup>
9405	8-wire; 2-16, 6-18 ga; AR-40/HAM-IV/TX ..	per ft.		59¢
9405	.....	100 ft. cut		54 <sup>95</sup>
9405	.....	500 ft. Roll	585.00	249 <sup>95</sup>
9405	.....	1000 ft. Roll	1167.50	489 <sup>95</sup>

## ANTENNA WIRE

8000	No. 14 stranded ant wire .....	per ft.		21¢
8000	.....	100 ft. Roll	30.50	17 <sup>95</sup>
8000	.....	1000 ft. Roll	275.00	159 <sup>95</sup>

## No. 8 ALUMINUM GROUND WIRE

8018	Multiples of 50 ft. ....	each	\$ 19.00	12 <sup>95</sup>
8018	.....	500 ft. Roll	150.00	99 <sup>95</sup>

Note: All above roll pricing is for rolls as shown only; all other lengths, even if more than roll length shown or a multiple of roll length shown, are sold at the per ft. price.

## FOAM COAX w/PL-259s ON BOTH ENDS

9349	3' RG-58AU foam .....	\$ 19.32	14 <sup>95</sup>
9350	15' RG-58AU foam .....	21.63	16 <sup>95</sup>
9347	20' RG-58AU foam, 1 PL-259 .....	Dmfv	19.32
9352	50' RG-58AU foam .....		32.13
9354	50' RG-8U foam .....		60.90
9355	75' RG-8U foam .....		84.00
9356	100' RG-8U foam .....		101.85

## BELMERIT (BLM)

DM-10	3 1/2-digit digital multimeter .....	Δm	\$ 19.95	9 <sup>95</sup>
DM-10S	3 1/2-digit dig multimeter w/case .....	Dv	24.95	14 <sup>95</sup>
DM-3000	Wide range dig multimeter .....	Dmfv	54.95	29 <sup>95</sup>
DM-3050	Wide range dig multitr/freq test Dmfv		59.95	36 <sup>95</sup>

## BENCHER (BEN)

BY-1	Iambic keyer paddle w/black base .....		\$ 79.95	74 <sup>95</sup>
BY-2	Iambic keyer paddle w/chrome base .....		99.95	94 <sup>95</sup>
BY-3	Iambic keyer paddle, gold plated .....		264.95	229 <sup>95</sup>
BY-4	Iambic paddle/blk base/gold components ..		159.95	139 <sup>95</sup>
ST-1	Single lever keyer paddle, black base ....		79.95	74 <sup>95</sup>
ST-2	Single lever kyr paddle, chrome base ....		99.95	94 <sup>95</sup>
ST-3	Single lever keyer paddle, gold plated ...		264.95	229 <sup>95</sup>
ST-4	Sgl lever paddle/blk base/gold components ..		159.95	139 <sup>95</sup>
RJ-1	Dlx hand key w/navy knob/black base ....		74.95	
RJ-2	Dlx hand key w/navy knob/chrome base ....		84.95	
ZA-1A	3.5-30 MHz 1:1 balun .....		37.95	
HWK	Balun hardware kit for 2" boom .....		9.49	
YA-1	1kw low pass filter .....		59.95	

## BIRD (BIR)

43	Thru-line Directional wattmeter, SO-239s ..	\$239.00	
4300-400	Peak reading conversion kit .....	115.00	
43P	Peak reading directional meter, SO-239s ..	359.00	
4431	Wattmeter, variable RF tap, SO-239s ...	421.00	
	Elements (Table 1) 50H-1000H .....	each	80.00



## BIRD - continued

Elements (Table 1) 2500H, 5000H .....	each	114.00
Elements (Table 1) 25-1000 MHz .....	each	65.00
Low-power elements (Table 2) .....	each	86.00

**TABLE 1 - Standard Elements**

Power Range	Frequency Bands (MHz)					
	2-30	25-60	50-125	100-250	200-500	400-1000
5 watts	—	5A	5B	5C	5D	5E
10 watts	—	10A	10B	10C	10D	10E
25 watts	—	25A	25B	25C	25D	25E
50 watts	50H	50A	50B	50C	50D	50E
100 watts	100H	100A	100B	100C	100D	100E
250 watts	250H	250A	250B	250C	250D	250E
500 watts	500H	500A	500B	500C	500D	500E
1000 watts	1000H	1000A	1000B	1000C	1000D	1000E
2500 watts	2500H					
5000 watts	5000H					

**TABLE 2 - Low-Power Elements**

1 watt	Cat. No.	2.5 watts	Cat. No.
25-30 MHz	025-1	25-30 MHz	025-2
30-35 MHz	030-1	30-40 MHz	030-2
35-40 MHz	035-1	40-50 MHz	040-2
40-50 MHz	040-1	50-60 MHz	050-2
50-60 MHz	050-1	60-80 MHz	060-2
60-80 MHz	060-1	80-95 MHz	080-2
80-95 MHz	080-1	95-150 MHz	095-2
95-125 MHz	095-1	150-250 MHz	150-2
110-160 MHz	110-1	200-300 MHz	200-2
150-250 MHz	150-1	250-450 MHz	250-2
200-300 MHz	200-1	400-850 MHz	400-2
275-450 MHz	275-1	800-1000 MHz	801-2
425-850 MHz	425-1		
800-1000 MHz	801-1		

800-2 2.5w 800-950MHz element .....	Dmw	86.00	64 <sup>95</sup>
CC-1 Carrying case .....		43.00	
EC-1 Element case .....		33.00	
80F 5w dummy load w/type N female .....	Δmf	72.00	49 <sup>95</sup>
8080 25w dummy load w/type N male QC .....		102.00	
8085 50w dummy load w/type N male QC .....		146.00	
4273 1.5-35 MHz variable RF sig sampler* .....		123.00	
4273-100 For Bird equipment installation .....		133.00	
4275 20-1000 MHz variable RF sampler* .....		118.00	
*2 QC connectors required - not included			
4275-100 For Bird equipment installation .....		133.00	
4304A 25-1000 MHz 500w wattmeter .....		470.00	

## QUICK CHANGE CONNECTORS (QC)

4240-050 UHF female (SO-239) .....	each	\$ 8.00	
4240-179 UHF male (PL-259) .....	each	43.00	
4240-062 Type N female .....	each	8.00	
4240-063 Type N male .....	each, Δmf	18.00	12 <sup>95</sup>
4240-125 BNC female .....	each	18.00	
4240-132 BNC male .....	each, Δmf	51.00	19 <sup>95</sup>

## Other Bird items available on special order

## BUCKMASTER (BUC)

HamCall CD-ROM ham listings; IBM/Mac .....	\$ 50.00
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## BUTTERNUT (BUT)

HF-6VX 80/40/30/20/15/10m 26' vert ant .....	\$247.00	199 <sup>95</sup>
HF-9VX 80/40/30/20/17/15/12/10/6m vert .....	306.00	249 <sup>95</sup>
A17-12 17 & 12m kit for HF-6VX .....	54.00	49 <sup>95</sup>
CPK Counterpoise kit .....	61.00	54 <sup>95</sup>
MPS Mounting post sleeve .....	8.00	
RMK-II Roof mounting kit w/radials .....	86.00	76 <sup>95</sup>
STR-II Radial kit only .....	54.00	49 <sup>95</sup>
TBR-160S 160m resonator for HF-6VX .....	89.00	79 <sup>95</sup>
HF-2V 80/40m 32' vertical .....	231.00	189 <sup>95</sup>
30-MRK 30m resonator for HF-2V .....	54.00	49 <sup>95</sup>
TBR-160S 160m resonator .....	89.00	79 <sup>95</sup>
HF-5B 2 el 20/17/15/12/10m butterfly beam .....	376.00	299 <sup>95</sup>

## CES (CES)

410 Personal Patch interconnect .....	Dwf	\$250.00	169 <sup>95</sup>
SSI-68 Simplex autopatch .....	Dmwf	460.00	269 <sup>95</sup>
SDI-50 Dlx splx/dplx autopatch/rptr controller .....		760.00	399 <sup>95</sup>

## CQ (CQX)

1996 Amateur Radio Calendar .....	\$ 9.95
1996 Radio Classics Calendar .....	9.95
Amateur Radio Almanac .....	19.95

## CQ - continued

Beginners Guide to Amateur Radio .....	5.95
Building and Using Baluns and Ununs .....	19.95
Buyers Guide .....	5.95
Contest Video Getting Started in Contesting .....	19.95
DXing Video Getting Started in DXing .....	19.95
Ham Sat Video Getting Started Amateur Satellites .....	19.95
Ham Video Getting Started in Ham Radio .....	19.95
Lew McCoy on Antennas .....	15.95
Packet Radio Operator's Manual .....	15.95
Packet Video Getting Started in Packet Radio .....	19.95
Quad Antenna Book .....	15.95
Shortwave Propagation Handbook .....	19.95
Vertical Antenna Handbook .....	9.95
VHF How To Book .....	15.95
VHF Video Getting Started in VHF .....	19.95

## CAMBRIDGE (CAM)

The Art of Electronics (book) .....	\$ 59.95
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## CENTAUR (CEN)

CP-1 Cricket Pulser Station tuning accessory .....	\$ 67.00
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## CIRCUIT WORKS (CIR)

Conductive Pen/CW2200STP .....	\$ 11.95
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## CLOCKS

AEA World Clock .....	\$ 25.00
BMI 972A 12" 12-hour wall clock .....	28.00
BMI 972AD 14" 12/24-hour wall clock .....	32.00
BMI 973A 12" 24-hour wall clock .....	49.95
MFJ 105B 24-hour quartz wall clock .....	19.95
MFJ 107B 24-hour digital clock .....	9.95
MFJ 108B 24/12-hour dual disp digital clock .....	19.95
MFJ 112 Deluxe world map clock .....	24.95
MFJ 114 Large LED 24-hour clock .....	39.95

## COAX SEAL (UNV)

104 1/2" x 60" coax seal .....	\$ 2.49
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## COMET (CMT)

### MOBILE ANTENNAS

B-10 2m/440 2.15db 12" cell look-alike ant .....	\$ 39.95
B-10NMO 2m/440 2.15db 12" cell look-alike NMO .....	39.95
B-20 2m/440 2.15/5db 30" cell look-alike ant .....	56.95
B-20NMO 2m/440 2.15db/5db 30" cell look NMO .....	56.95
CA-220MR 220 4.2db 3' 3" fold-over ant .....	49.95
CA-2405 2.4 GHz 7db 17" fg type N ant ...Dm .....	59.95
CA-HV 40/15/10/6/2m 5' 10" mobile ant .....	139.95
L-14 20m loading coil for CA-HV .....	36.95
CHL-28J 2m/440 3/5.5db 36" mobile ant .....	35.95
CHL-28JNMO 2m/440 3/5.5db 36" NMO ant .....	35.95
CHL-62S 2m/440 3.5/6db 42" mobile ant .....	49.95
CHL-62SNMO 2m/440 3.5/6db 42" NMO ant .....	49.95
CHL-350 10/6m 0/2.15db fold-over 7' ant .....	79.95
CMW-202N 900 MHz 5.1db 18" type N ant .....	42.95
CX-224 2m/220/440 2.15/3.2/5.5db 42" mobile .....	79.95
CX-224NMO 2m/220/440 2.15/3.2/5.5db 42" NMO .....	79.95
FJ-15S 6m/2m/440 2.15/4.5/7.2db 5'mob Dmv .....	109.95
FL-7HA 40m 40" mobile antenna .....	82.95
FL-14HA 20m 37" mobile antenna .....	82.95
FL-28HA 10m 33" mobile antenna .....	82.95
FL-50HA 6m 33" mobile antenna .....	82.95
FS-74B 440/1.2 black 5.1/7.2db 22" N mob .....	79.95
FS-92B 2m/440/1.2 2.1/4.1/6.8 23" type N .....	82.95
HA-4S 40/15/12/10m 4' 5" mobile ant .....	199.95
L-14HS 20m loading coil for HA-4S .....	39.95
HA-028 10m 33" 1/4 wave mobile antenna .....	82.95
HA-050 6m 33" 1/4 wave mobile antenna .....	82.95
HP-32 2m/440 3/5.5db 34" 350/250w ant .....	89.95
SB-2 2m/440 2.15/3.8db 18" mobile .....	41.95
SBB-2 2m/440 2.15/3.8db 18" black mobile .....	39.95
SB-2NMO 2m/440 2.15/3.8db 18" NMO .....	41.95
SBB-2NMO 2m/440 2.15/3.8db 18" blk NMO .....	39.95
SB-5 2m/440 3/5.5db 38" mobile ant ....Dmw .....	62.95
SBB-5 2m/440 3/5.5db 38" black mobile ant .....	59.95
SB-5NMO 2m/440 3/5.5db 38" NMO ....Dmwf .....	62.95
SBB-5NMO 2m/440 3/5.5db 38" black NMO .....	59.95
SB-7 2m/440 4.5/7.2db 4' 7" mobile ..Dmwf .....	85.95
SBB-7 2m/440 4.5/7.2db 4' 7" black mob ant .....	82.95
SB-7NMO 2m/440 4.5/7.2db 4' 7" NMO Dmwf .....	85.95

## Reg Sale

## COMET - continued

SBB-7NMO 2m/440 4.5/7.2db 4' 7" blk NMO .....	82.95
SBB-15 6m/2m/440 2.15/4.5/7.2db 5' mob .....	109.95
SB-25 2m 4.1db 4' 8" mobile antenna .....	49.95
SB-25NMO 2m 4.1db 4' 8" NMO mobile ant .....	49.95
SB-44 440 5db 29" mobile antenna .....	54.95
SB-83 2m/440/cell 3/6/8.4db 35" type N ant .....	78.95
SB-94 2m/440/1.2 2.15/5.1/7.2db 24" N ant .....	75.95
SB-97 2m/440/1.2 3/6/8.9/6db 39" type N ....	89.95
SB-123 1.2GHz 7.2db 24" type N mobile ant .....	54.95
SB-214W 2m/220 3' 1.7/3.4db mob ant .....	62.95
SF-245 2.4 GHz 7db 18" fg type N ant .....	61.95
WP-57 2m/440 2.15/5.2db 30w on glass ant ..Dm .....	129.95
WP-75B 440/1.2 4.9/6.5db 30w on glass BNC ....Dm .....	144.95
Z-750 2m/440 2.1/5.5db 39" theft resistant .....	62.95
Z-780 2m/440 4.5/7.2db 5' theft resistant ...	82.95

### MOBILE MOUNTS, ETC

3D4M Mobile mt, 13' coax w/UHF connectors .....	\$ 24.95
3D4N Mobile mt, 13' coax w/type N .....	28.95
3D5M Mobile mt, 16.5' coax w/UHF connectors .....	27.95
5D4N Roof mount, 13' coax w/type N .....	31.95
AD-10N N-NMO mount adapter .....	17.95
AD-15M UHF-NMO mount adapter .....	17.95
BMG-BB Med duty blk mag mt, BNC/BNC .....	39.95
BMG-M Med duty blk mag mt/UHF conn ...Dfv .....	42.95
CA-MS1 Mag mt only, no coax; add 3D4M, etc .....	26.95
CG-4M RS-2 gutter mount w/13.5' coax .....	29.95
CK-3M Dlx 2-step 10' cable w/UHF connectors .....	33.95
CK-3M5 Dlx 2-step 16.5' cable w/UHF connects .....	39.95
CK-5N Dlx cable assembly w/type N .....	47.95
CM-5M Hvy duty mag mt, coax, max 4' ant .....	39.95
CQ-5M Dlx black QD trunk lip mt w/17' coax .....	66.95
CR-5M Std coax assy, 16.5' coax, UHF conn .....	19.95
CT-5M Trunk lip mount w/17' coax .....	39.95
GR-5M Dlx tnk lip mt w/ coax; matches SB .....	67.95
GR-5N Dlx N tnk lip mt w/ coax; matches SB .....	69.95
MG-SRB Med duty mag mt w/UHF/BNC ..Dmwf .....	38.95
MG-SRM Med duty mag mt w/UHF conn ...Dmwf .....	36.95
MS-3FVMM Std duty mag mt w/UHF conn ...Dmf .....	43.95
MS-3FVNN Std duty mag mount w/type N .....	49.95
MS-5LXNN Hvy duty magnet mt/type N ....Dw .....	61.95
RS-2 Small gutter mount .....	22.95
RS-6 Pipe clamp mount .....	29.95
RS-9 Trunk lip mount, no coax .....	13.95
RS-20 Gtr mt; small/med ants, no coax Dmwf .....	29.95
RS-21 Adj 360 degree hatch/tnk mt, no coax .....	34.95
RS-25 Adj pipe clamp mount, no coax ....Dmf .....	38.95
RS-80 Adjustable gutter mt, no coax ....Dmwf .....	32.95
RS-81 Adj trunk/hatch mount, no coax .....	34.95
RS-500 Mini heavy duty gutter mount .....	29.95
RS-520 Mini heavy duty trunk/hatch mount .....	29.95
RS-820 Low profile trunk lip mount, no coax .....	45.95
RS-850 Lug rack/to 1.75" pipe mt, no coax .....	42.95
TS-1M Trunk lip mt w coax .....	45.95
TS-103NN Trunk lip mt w/coax, type N .....	39.95
TS-106NN Dlx tnk lip mt/coax, type N .....	55.95
WS-1M Window clip mt w/UHF connectors ....	64.95

### BASE STATION ANTENNAS

CA-62DB 52-54MHz 6.5db 21.75' base ant ...	\$164.95	154 <sup>95</sup>
CA-350DB 10/6m 2.15/6.5db 22' 7" ant .....	349.95	299 <sup>95</sup>
CA-712EF 440 9db 10' 5" base antenna .....	139.95	129 <sup>95</sup>
CA-1243E 440/1.2 GHz 6/8.4db 3' 4" type N .....	94.95	
CA-1243Z 440/1.2 GHz 9.4/12.8db 7' type N .....	161.95	149 <sup>95</sup>
CA-ABC21 2m 3.4db 4' 7" base antenna .....	59.95	
CA-ABC22A 2m 6.5db 9' 5" base/rptr ant .....	79.95	
CA-ABC23 2m 7.8 db 13' 4" base/rptr ant .....	135.95	124 <sup>95</sup>
CA-F226F 136-175 6db 8' 10" tunable ....T .....	169.95	159 <sup>95</sup>



**NEW! AES® Clearwater Store**



## COMET - continued

CA-F72GF 440-470 6db 3' 6" tunable ant .....	129.95	119 <sup>95</sup>
CA-Super22 220 6.6db 8' 2" base ant .....	159.95	149 <sup>95</sup>
CFC-771 900MHz 4.5' 7.14db N base/rptr .....	97.40	89 <sup>95</sup>
CMR-241 2m/440 4.5/7.2db 6.5' rptr ant .....	174.95	164 <sup>95</sup>
CX-333 2m/220/440 6.5/7.8/9db 10.25' ant ..	199.95	179 <sup>95</sup>
CYA-1216E 1.2GHz 16el 16.6db 4' 5" N beam ..	149.95	139 <sup>95</sup>
DS-15 6m/2m/440/900/1.2 discone antenna ..	129.95	119 <sup>95</sup>
FP-19 900 MHz 16db 7' 4" type N base/rptr ..	121.95	112 <sup>95</sup>
GP-3 2m/440 4.5/7.2db 5' 11" base/rptr ant ..	109.95	99 <sup>95</sup>
GP-6 2m/440 6.5/9db 10' 2" base/rptr ant ..	174.95	164 <sup>95</sup>
GP-9 2m/440 8.5/11.9db 17' 8" base/rptr ..	224.95	199 <sup>95</sup>
GP-9N 2m/440 8.5/11.9db 17' 8" N base/rptr ..	224.95	199 <sup>95</sup>
GP-15 6/2m/440 3/6.2/8.6db 8' base .....	174.95	164 <sup>95</sup>
GP-21/CA-1221S 1.2 14.8db 8' 5" N base/rptr ..	189.95	169 <sup>95</sup>
GP-24 2.4GHz 12.4db 2' type N base/rptr .....	229.95	199 <sup>95</sup>
GP-93 2m/440/1.2 4.5/7.2/10db 5' 7" type N ..	144.95	134 <sup>95</sup>
GP-98 2m/440/1.2 6.5/9/13.5db 9' 8" N ant ..	224.95	199 <sup>95</sup>
GPX-2010 2m/440 9.5/13.2db 23' 4" base/rptr ..	399.95	359 <sup>95</sup>
PYA-913 900MHz 13el 15.8db 4' 8" type N beam ..	169.95	159 <sup>95</sup>

## DUPLEXERS AND TRIPLEXERS

CF-142 1.3-150/200-480 600/400w UHF/leads ..	\$ 79.95
CF-360A 1.3-30/50-470 600w UHF w/leads ..	69.95
CF-360B 1.3-30/50-470 600w UHF/common lead ..	69.95
CF-413A 440/1.2 500/200w N w/leads .....	74.95
CF-413B 440/1.2 500/200w N/UHF/N leads ..	74.95
CF-416A 2m/440 800/500w UHF w/leads .....	54.95
CF-416C 2m/440 800/500w N/UHF/N leads ..	54.95
CF-416W 1.3-250/400-1400 400/200w N/leads ..	79.95
CF-530 1.3-90/125-470 600w UHF w/leads ..	74.95
CF-4130A 440/1.2 500/200w N, no leads .....	74.95
CF-4160I 2m/440 800/500w UHF/UHF/N, no leads ..	52.25
CF-4160J 2m/440 800/500w SO239, no leads ..	58.95
CF-4160K 2m/440 800/500w all UHF, no leads ..	52.25
CFX-324A 2m/220/440 600w UHF w/leads .....	88.95
CFX-324B 2m/220/440 600w UHF, no leads ..	85.95
CFX-431A 2m/440/900-1.2 N/UHF/N/N, leads ..	89.95
CFX-431B 2m/440/900-1.2 N/UHF/UHF/N, leads ..	89.95
CFX-514 HF/2m/440 800/800/500w UHF w/leads ..	84.95
CFX-514J HF/2m/440 800/800/500w UHF, no leads ..	79.95
CFX-4310B 2m/440/900-1.2 N/UHF/VN, no leads ..	84.95
CFX-4310C 2m/440/1.2; Kenwood TM-741A/941A ..	84.95
CFX-5140 HF/6m/2m/440 800/800/500w UHF, no leads ..	79.95

## HT AND HAND-HELD SCANNER ANTENNAS

CH-32 2m/440 1.75" BNC antenna .....	\$ 32.95
CH-72S 2m/440 0/3.2db 15" BNC antenna .....	29.95
CH-701X 2m/440/900 2/3.4/5.5db 19" BNC ..	54.95
CH-720C 2m/440 semi-rigid 0/3.8db 18" BNC ..	39.95
CH-722SA 2m/440 3/5.5db BNC whip ant .....	45.95
CY-1205 1.2 GHz 11db 7" BNC HT beam .....	41.45
SH-55 2m/440 1.5/3.2db 15" BNC ant .....	33.95
SH-95 2m/440/1.2 1.5/2.15/5.5db BNC ant ..	49.95
SMA-3 2m/440 1.2/1.7db 9.75" SMA ant .....	41.95

## SWR/POWER METERS & MINIMETERS

CM-120 1240-1300 MHz type N minimeter ....	\$ 99.95
CM-690 1.9-60 MHz 20/150w minimeter .....	79.95
CM-720 140-150/430-450 MHz minimeter .....	79.95
CM-720N 140-150/430-450 type N minimeter ..	84.95
CM-900 900-920 MHz N minimeter .....	99.95
CM-903 900-920 MHz type N minimeter .....	99.95
CMX-1 1.8-60 MHz 2000w SWR/pwr/rem head ..	209.95
CMX-2 1.8-200MHz 200w SWR/pwr/rem head ..	199.95
CMX-3 140-525 MHz 200w SWR/pwr/rem head ..	189.95
EKS-3 10' remote head extension cable .....	23.95
NCG-2000 140-525MHz 200w SWR/pwr .....	69 <sup>95</sup>

## ACCESSORIES

CS-290P 1500MHz 150w N lightning protect ..	\$ 39.95
CS-400P 500MHz 250w lightning protect .....	34.95
CSP-30 Mini speaker w/magnet mt .....	34.95
CSP-80 Mini spkr w/mag mt, noise filt, mute ..	39.95

## COMET - continued

CSW-20 0-950MHz coax switch .....	Df	57.60	39 <sup>95</sup>
CSW-20N 0-1300MHz N coax switch .....	Dmfv	99.95	64 <sup>95</sup>
HM-P2F Mini spkr/mic; Ali/Ico/Sta/Yae .....		32.95	
HM-P2K Mini spkr/mic for Kenwood .....		32.95	
HM-P4K Mini "HT" spkr/mic; Ali/Ico/Sta/etc ..		32.95	
HM-P4K Mini "HT" spkr/mic for Kenwood .....		32.95	
HM-P4Y Mini "HT" spkr/mic for Yaesu .....		32.95	

## Communications Specialists (COM)

SS-32P/SS-32PA Prog CTCSS encoder .....	\$ 28.95
SS-32SMP Hybrid micro-sized encoder .....	27.95
TE-32 32-tone CTCSS prog encoder box .....	49.95
TE-64 64-tone CTCSS/burst switch enc box ..	79.95
TS-32P 32-tone CTCSS prog encoder/decoder ..	57.95
DTD-1 DTMF decoder .....	59.95
ID-8 Automatic morse station identifier .....	89.95

## CONNECTORS

### AMPHENOL COAX CONNECTORS (AMP)

83-1SP-1050	Male coax plug (PL-259)	.....	\$ 1.86
83-1SP	Silver plated coax plug (PL-259)	.....	2.87
Van Gorden (VAN)	silver plated teflon PL-259	.....	2.99
83-185	Reducer for RG-58 (UG-175)	.....	.60
83-168	Reducer; RG-59/RG-8X (UG-176)	..	.58
83-1AP	Right angle adaptor (UG-646)	.....	5.69
83-1J	Double female adaptor (PL-258)	.....	3.28
83-1R	Female chassis mt socket (SO-239)	..	2.15
83-1H	Hood for in-line use (UG-106)	.....	3.95
83-1T	T-connector adaptor (M-358)	.....	8.30
83-877	Double male adaptor	.....Dmwfv	10.61
83-878	Single hole 5/8" chassis socket	Δmwfv	2.58
31-002	BNC male connector for RG-58	.....	3.38
31-012	BNC male connector; RG-59/RG-8X	..	3.95
31-221	BNC female chassis socket	...Δmwfv	1.98
82-24	Type N female chassis mt socket	.....	4.71
82-61	Type N male connector for RG-8	.....	7.34
82-64	Type N right angle adaptor	.....Δmwfv	19.96
82-202-1006	Type N male; Belden 8214/9913	..	7.02
82-209	Type N female in-line for RG-8	Dmwfv	7.10
34025	Type N male connector for RG-58	.....	6.30

### AMPHENOL COAX ADAPTORS (AMP)

2900	SO-239 to BNC male adaptor .....	\$ 9.48
4400	SO-239 to type N male adaptor .....	13.13
34125	Type N female - PL-259 adapt .....	19.99
45250	Type N double male adaptor .....	Dwfv 16.19
31-28	BNC female to PL-259 adaptor .....	8.93
83-10	SO-239 to Motorola/phono plug .....	Dmw 10.84

### AIM COAX CONNECTORS & ADAPTORS (AIM)

25-7302 0-900MHz teflon ins PL-259 .....	Dv	\$ 4.50
25-7351 Chassis mt SO-239 double female ..		5.10
25-7365 BNC female to SO-239 .....		4.40
25-7420 BNC male to SO-239 .....		3.30
26-8010 Type N double female .....		5.20
26-8011 Type N chassis mount .....		2.50
26-8015 N male to SO-239 .....		7.40
26-8016 BNC female to N male .....		7.40
26-8017 BNC male to N female .....		7.40
27-8110 BNC female to RCA male .....		2.50
27-8120 BNC female to PL-259 .....		3.20
27-8130 BNC double male .....		4.30
27-8140 BNC T; 2 female, 1 male .....		3.90
27-8142 BNC T, 3 male .....		8.40
27-8450 BNC chassis mt, 4 screw holes .....		3.00
27-8460 5/8" hole BNC chassis mt .....		1.40
27-8470 Dual BNC chassis mount .....		4.50
29-3855 BNC female to SMA male .....		8.80
29-4140 SO-239 to mini PL-259 .....		5.00

### CONNECTORS UNLIMITED (CON)

306 SO-239 to BNC male adaptor .....	\$ 2.76
1721 7-pin DIN plug .....	1.38
X-3013 8-pin female mic plug .....	3.11
<b>SWITCHCRAFT MICROPHONE CONNECTOR (SWI)</b>	
S-260 .206" 3-cond mic plug (Drake) .....	\$ 8.50
<b>Switchcraft 1/4" Plugs w/Solder Terminals (SWI)</b>	
267 3-conductor, plastic handle .....	\$ 5.50
237 3-cond, plastic handle, rt angle plug Δm ..	5.15
260 3-conductor w/screw terminals .....	6.50

## CONNECTORS - continued

297 3-conductor, metal handle .....	6.55
250 2-conductor, plastic handle .....	3.90
220 As abv, w/screw terminals, rt angle plug ..	5.70
280 2-conductor, metal handle .....	4.85
<b>SWITCHCRAFT PHONO-TYPE CONNECTORS (SWI)</b>	
3501MC Phono plug with cable clamps Δm ..	\$ .90
3502 Shielded phono plug .....	2.35
3507 RF-type phono plug .....	3.30

### VANCO MICROPHONE CONNECTORS (VCO)

CBC-2 2-pin female mic plug .....	\$ 3.14
CBC-3 3-pin female mic plug .....	2.99
CBC-4 4-pin female mic plug .....	4.04
CBC-4P Panel mt 4-pin male .....	1.99
CBC-5 5-pin female mic plug .....	3.87
CBC-5P Panel mt 5-pin male .....	1.99
CBC-6 6-pin female mic plug .....	4.06
CBC-6P Panel mt 6-pin male .....	3.98
CBC-8 8-pin female mic plug .....	5.89
CBC-8P Panel mt 8-pin male .....	5.57

### KENWOOD DIN PLUGS (KEN)

7-pin DIN plug .....	\$ 3.92
8-pin DIN plug .....	4.51
13-pin DIN plug .....	6.76

### VANCO MINI PHONE PLUGS (VCO)

P-25 2.5mm sub-miniature phone plug .....	\$ .99
P-35 3.5mm miniature phone plug .....	.99
P-12V Cig lighter plug w/leads .....	2.91

## Connect Systems (CSY)

CS-700 Simplex interconnect .....	\$485.00	359 <sup>95</sup>
CS-800 Full duplex patch & repeater controller ..	485.00	359 <sup>95</sup>
CS-900 Simplex interconnect .....	485.00	359 <sup>95</sup>
Private Patch V Multi-mode interconnect .....	615.00	419 <sup>95</sup>
9801 Elec voice delay (EVD); Private Pch V ..	141.50	129 <sup>95</sup>
8200D Full duplex patch/repeater controller ..	713.00	469 <sup>95</sup>
CD-1 DTMF/CTCSS/DCS decoder unit .....	265.00	219 <sup>95</sup>
CD-2 DTMF/CTCSS/DCS decoder unit/RS-232 ..	325.00	269 <sup>95</sup>
CD-2P PC application program for CD-2 .....	113.00	99 <sup>95</sup>
LT-2 Trunking-decoder unit/RS-232 .....	425.00	349 <sup>95</sup>
LT-2P PC application program for LT-2 .....	113.00	99 <sup>95</sup>
CS-1688 Deluxe DTMF dec/controller Δmwfv ..	213.00	169 <sup>95</sup>

## COYNE (COY)

### HAM RADIO TEST GENERATOR FOR MACINTOSH

MacHam no code Technician, includes Novice 2A ..	\$ 39.95
MacHam General .....	34.95
MacHam Advanced .....	34.95
MacHam Extra .....	34.95
MacHam Radio Morse Code training software ..	39.95

## CROSS DEVICE (CRS)

STUF Coax connector waterproofing filler .....	\$ 4.50
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## CROWN METAL (CRO)

### SOLID BASE COPPERWELD ANTENNA WIRE

AN-122 100 feet No. 12 .....	\$ 24.95
AN-123 150 feet No. 12 .....	29.95
AN-124 250 feet No. 12 .....	49.95
AN-126 500 feet No. 12 .....	84.95
AN-128 1000 feet No. 12 .....	154.95
AN-142 100 feet No. 14 .....	19.95
AN-143 150 feet No. 14 .....	24.95
AN-144 250 feet No. 14 .....	29.95
AN-146 500 feet No. 14 .....	54.95
AN-148 1000 feet No. 14 .....	104.95
AN-181 250 feet No. 18 .....	14.95
AN-182 500 feet No. 18 .....	24.95

## CUSHCRAFT (CUS)

### VHF/UHF FM BEAMS (Vertical polarization)

A148-3S 2m, 3 el wideband beam .....	\$ 46.00	43 <sup>95</sup>
A148-10S 2m, 10 el wideband beam .....	85.00	74 <sup>95</sup>
A148-20S 2 A148-10S vert stacked .....	233.00	186 <sup>95</sup>
A449-6S 440 MHz, 6 el, 3' boom, 10 db .....	59.00	56 <sup>95</sup>
A449-11S 440 MHz, 11 el, 4.5' boom, 13 db ..	83.00	74 <sup>95</sup>
A270-6S 2m/440, 3/3 el, 2.8' boom, 7.8 db ..	73.00	64 <sup>95</sup>
A270-10S 2m/440, 5/5 el, 6.17' boom, 10 db ..	99.00	79 <sup>95</sup>

**Hi! I'm TOM, N9UJ ...**  
Phone in during afternoon  
hours for least chance of  
finding busy lines!





**CUSHCRAFT - continued****Reg Sale****FM VERTICAL STACKING KITS\* (Adds 3 db)**

A14-VPK Stacking kit for 2 A147-4	.....Dmwv	\$ 61.00	9 <sup>95</sup>
A14-SK Harness only for 2 A148-3S	.....	48.00	44 <sup>95</sup>
A148-VPKS Stacking kit for 2 A148-3S/10S	..	108.00	89 <sup>95</sup>
A148-SK Harness only for 2 A148-10S	.....	48.00	44 <sup>95</sup>
A449-VPKS Stacking kit; 2 A449-6S/11S	.....	65.00	62 <sup>95</sup>
A449-SK Harness only for 2 A449-6S/11S	.....	48.00	44 <sup>95</sup>

\*Prices are for stacking kits only

**FM RINGOS - 1/2 Wave Verticals - 3.75 db**

AR-10 10m FM Ringo, 1000w	.....	\$ 71.00	62 <sup>95</sup>
AR-6 6m FM, 1000w	.....	71.00	62 <sup>95</sup>
AR-2 2m FM, 1000w	.....	50.00	39 <sup>95</sup>
AR-220 220 MHz FM, 500w	.....	49.00	39 <sup>95</sup>
AR-450 440 MHz FM, 500w	.....	49.00	39 <sup>95</sup>
AR-270 2m/440 MHz FM, 250w, 3.7/5.5db	....	88.00	69 <sup>95</sup>
AR-270B 2m/440 MHz FM base ant	.....	128.00	99 <sup>95</sup>

**RINGO RANGERS - FM Verticals - 6 db**

ARX-6 6m FM Ringo Ranger	.....	\$252.00	199 <sup>95</sup>
ARX-2 2m FM Ringo Ranger	.....	60.00	49 <sup>95</sup>
ARX-2B 2m FM Ringo Ranger II, 1000w	.....	73.00	59 <sup>95</sup>
ARX-220B 220 FM Ringo Ranger II, 500w	.....	73.00	59 <sup>95</sup>
ARX-450B 440 FM Ringo Ranger II, 500w	.....	73.00	59 <sup>95</sup>
ARX-450BN 440 FM Ringo Ranger II w/type N	.....	88.00	74 <sup>95</sup>

**HIGH PERFORMANCE 2m/440 VERTICALS**

ARX-270N 2m/440 9/12 db fg type N ant	.....	\$273.00	209 <sup>95</sup>
ARX-270U 2m/440 9/12 db fg SO-239 ant	....	273.00	209 <sup>95</sup>

**FM 4-POLES (less vertical support mast)**

AFM-4DA 2m FM, 23' high, 6/9 db	.....	\$148.00	119 <sup>95</sup>
AFM-24DA 220 MHz FM, 15' high, 6/9 db	.....	131.00	99 <sup>95</sup>
AFM-44DA 440 MHz FM, 8' high, 6/9 db	.....	114.00	89 <sup>95</sup>

**TWIST, OSCAR BEAMS (Horiz/Vert Polarization)**

A148-20T 2m 20el 10.8'bm 11.1db twist	.....	\$126.00	99 <sup>95</sup>
22XB 2m 22el 19.3'bm 14db circ beam/relay	.....	290.00	199 <sup>95</sup>
719B 432 19 el beam	.....	142.00	119 <sup>95</sup>
729B 432 29 el beam	.....	220.00	189 <sup>95</sup>
738XB 432 38el 14.3'bm 15.5db circ w/relay	.....	268.00	189 <sup>95</sup>
PS-4 Remote polarity switch	.....Dmf	150.00	79 <sup>95</sup>
PS-4A Remote polarity switch	.....	150.00	119 <sup>95</sup>

**BOOMER ANTENNAS**

617-6B 6m Boomer, 6 el, 34' boom, 14 db	....	\$423.00	299 <sup>95</sup>
124WB 2m Boomer, 4 el, 4' boom, 10.2 db	....	73.00	64 <sup>95</sup>
13B2 2m Boomer, 13 el, 15' boom, 15.8 db	....	142.00	119 <sup>95</sup>
17B2 2m Boomer, 17 el, 31' boom, 18 db	.....	246.00	199 <sup>95</sup>
26B2 2 13B2s vertically stacked	.....	406.00	299 <sup>95</sup>
220B 220 Boomer, 17 el, 19' boom, 17 db	.....	192.00	149 <sup>95</sup>
224WB 220 Boomer, 4 el, 3' boom, 10.2db	....	67.00	59 <sup>95</sup>
225WB 220 wideband Boom, 15el, 10'bm, 15.5db	..	149.00	119 <sup>95</sup>

**BOOMER STACKING KITS\***

617-SK Harness, pwr divider for 2 617-6Bs	..	\$160.00	119 <sup>95</sup>
22-SK Harness, power divider; 2 13B2s	.....	98.00	79 <sup>95</sup>
22N-SK Harness, pwr divider; 2 17B2s	.....	160.00	119 <sup>95</sup>
26B2-VPK Vertical polar kit; 2 13B2s	.....	210.00	159 <sup>95</sup>
220-SK Harness, power divider for 2 220Bs	..	98.00	79 <sup>95</sup>
220-QK Quad stacking kit for 4 220Bs	.....Dw	390.00	79 <sup>95</sup>
PD-2 Power divider for 2 13B2s	.....	48.00	44 <sup>95</sup>
PD-2N Power divider for 2 17B2s	.....	91.00	79 <sup>95</sup>
PD-4 Power divider for 4 13B2s	.....	61.00	54 <sup>95</sup>
PD-4N Power divider for 4 17B2s	.....	113.00	89 <sup>95</sup>
PD-222 Power divider for 2 220 Boomers	.....	48.00	44 <sup>95</sup>
PD-224 Power divider for 4 220 Boomers	.....	61.00	54 <sup>95</sup>

\*Prices are for stacking kits only

**VHF/UHF BEAMS (Horizontal polarization)**

A50-3S 6m, 3 el, 6' boom, 8 db, stainless hdwre	.....	\$110.00	89 <sup>95</sup>
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**CUSHCRAFT - continued****Reg Sale**

A50-5S 6m, 5 el, 12' boom, 10 db, stainless hdwre	.....	182.00	139 <sup>95</sup>
A50-6S 6m, 6 el, 20' boom, 11db, stainless hdwre	.....	296.00	229 <sup>95</sup>
A144-7S 2m, 7 el, 8' boom, 10 db	.....	60.00	54 <sup>95</sup>
A148-10S 2m, 10 el wideband beam	.....	85.00	74 <sup>95</sup>
A430-11S 430 MHz, 11 el, 4' boom, 13 db	.....	87.00	76 <sup>95</sup>

**HORIZONTAL STACKING KITS\* (Adds 3 db)**

A535-SK For 2 A50-3S/5S	.....	\$ 48.00	44 <sup>95</sup>
A561-SK For 2 A50-6S	.....	63.00	54 <sup>95</sup>
A17-SK For 2 A144-7S, 79" spacing	.....	48.00	44 <sup>95</sup>
A148-SK Harness only for 2 A148-10S	.....	48.00	44 <sup>95</sup>
A41-SK For 2 A430-11S, 26" spacing	.....	48.00	44 <sup>95</sup>

\*Prices are for stacking kits only

**CUSHCRAFT/SIGNALS MOBILE ANTENNAS**

CS-28M 10m magnet mt antenna	.....	\$ 64.00	59 <sup>95</sup>
CS-50 6m 3/4" hole mt 3 db antenna	.....	55.00	49 <sup>95</sup>
CS-50M 6m magnet mt 3 db antenna	.....	64.00	59 <sup>95</sup>
CS-50T 6m trunk lip mt 3 db antenna	.....	64.00	59 <sup>95</sup>
CS-1147M 2m 1/4 wave magnet mt antenna	...	42.00	39 <sup>95</sup>
CS-147 2m 3/4" hole mt 3 db antenna	.....	55.00	49 <sup>95</sup>
CS-147M 2m magnet mt 3 db antenna	.....	64.00	59 <sup>95</sup>
CS-147T 2m trunk lip mt 3 db antenna	.....	64.00	59 <sup>95</sup>
CS-147A 2m coil & whip only	.....	43.00	36 <sup>95</sup>
CS-220 220 3/4" hole mt 3 db antenna	.....	55.00	49 <sup>95</sup>
CS-220M 220 magnet mt 3 db antenna	.....	64.00	59 <sup>95</sup>
CS-220T 220 trunk lip mt 3 db antenna	.....	64.00	59 <sup>95</sup>
CS-1450M 440 1/4 wave magnet mt antenna	..	42.00	39 <sup>95</sup>
CS-450 440 3/4" hole mt 5 db antenna	.....	55.00	49 <sup>95</sup>
CS-450M 440 magnet mt 5 db antenna	.....	64.00	59 <sup>95</sup>
CS-450T 440 trunk lip mt 5 db antenna	.....	64.00	59 <sup>95</sup>
CS-450A 440 coil & whip only	.....	43.00	36 <sup>95</sup>
CS-270M 2m/440 3.7/6 db magnet mt ant	...	87.00	72 <sup>95</sup>
CS-270A 2m/440 coil & whip only	.....	58.00	49 <sup>95</sup>

**MOUNTS ONLY FOR ABOVE MOBILE ANTENNAS**

CS-MG Magnetic mount	.....	\$ 29.00	
CS-TL Trunk lip mount	.....	29.00	

**PORTABLE ANTENNA FOR KENWOOD**

TK-440B 440 6" TK duck for Kenwood	.....Dm	\$ 17.00	1 <sup>95</sup>
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**SKYWALKER HF BEAMS**

40-2CD 40m, 2 el, 23' boom, 5.5 db	.....	\$626.00	429 <sup>95</sup>
20-4CD 20m, 4 el, 32' boom, 10 db	.....	626.00	429 <sup>95</sup>
20-3CD 20m, 3 el, 20' boom, 8 db	.....	438.00	319 <sup>95</sup>
15-4CD 15m, 4 el, 20' boom, 10 db	.....	354.00	249 <sup>95</sup>
15-3CD 15m, 3 el, 14' boom, 8 db	.....	305.00	219 <sup>95</sup>
10-4CD 10m, 4 el, 16' boom, 10 db	.....	299.00	214 <sup>95</sup>
10-3CD 10m, 3 el, 10' boom, 8 db	.....	232.00	169 <sup>95</sup>
TEN-3 10m, 3 el, 8' boom, 8 db	.....	150.00	119 <sup>95</sup>

**MULTIBAND VERTICAL ANTENNAS**

AV-80 75/80m 36' vertical antenna	.....	\$444.00	329 <sup>95</sup>
AV-5 80/40/20/15/10m 25' vertical	.....	218.00	169 <sup>95</sup>
AV-3 20/15/10m 14' vertical	.....	122.00	99 <sup>95</sup>
AP-8A 80-10m 8-band ruggedized vertical	...	289.00	219 <sup>95</sup>
APR-18A Radial kit	.....	68.00	64 <sup>95</sup>
R-5 20/17/15/12/10m half wave vert	.....Dmwfv	382.00	279 <sup>95</sup>
R-7 40/30/20/17/15/12/10m vertical	.....Dmwfv	510.00	379 <sup>95</sup>
R-7000 40/30/20/17/15/12/10m vertical	.....	510.00	379 <sup>95</sup>

**\$50 reward from Cushcraft for old Cushcraft traps and matching network, if applicable; OR \$25 reward from Cushcraft for ANY other brand vertical traps - R-7000 purchase thru 10/31/96**

**ROTATABLE DIPOLES**

D-3 20/15/10m World Ranger dipole	.....	\$244.00	179 <sup>95</sup>
D-3W 30/17/12m rotatable dipole	.....	249.00	189 <sup>95</sup>
D-4 40/20/15/10m World Ranger dipole	.....	331.00	249 <sup>95</sup>

**CUSHCRAFT - continued****Reg Sale**

D-40 40m World Ranger dipole	.....	296.00	219 <sup>95</sup>
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<b>MULTIBAND BEAM ANTENNAS</b>			
A-3S 20/15/10m, 3el, 14'bm, 8db, stainless hdwre	.....	\$497.00	329 <sup>95</sup>
A-3SDX Dlx 20/15/10m, 3el, stainless hdwre	.....	550.00	389 <sup>95</sup>
A-743 40m or 10 MHz add-on kit; A-3/A-3S	.....	155.00	129 <sup>95</sup>
A-4S 20/15/10m, 4el, 18'bm, 9db, stainless hdwre	.....	597.00	419 <sup>95</sup>
A-744 40m or 10 MHz add-on kit; A-4/A-4S	.....	155.00	129 <sup>95</sup>
A-3WS 17 & 12m, 3 el, 14' boom, 8 db	.....	390.00	279 <sup>95</sup>
A-103 30m add-on kit for A-3WS	.....	155.00	129 <sup>95</sup>
ASL-2010 13.5-32MHz 8el 18'bm 6.4db LP	....	828.00	569 <sup>95</sup>
AFB-2 160-10m 9-band balun	.....	60.00	49 <sup>95</sup>

**LIGHTNING ARRESTORS**

LAC-1 SO-239/PL-259 coax arrester	.....	\$ 13.00	
LAC-2 SO-239/SO-239 coax arrester	.....	13.00	
LAC-4 200w SO-239 gas tube arrester	.....	43.00	39 <sup>95</sup>
LAC-4H 2kw SO-239 gas tube arrester	.....	47.00	42 <sup>95</sup>
LAC-4N 200w type N gas tube arrester	.....	55.00	49 <sup>95</sup>
LAC-4NH 2kw type N gas tube arrester	.....	57.00	52 <sup>95</sup>
LC-2 Extra 200w cartridge for LAC-4/4N	.....	18.00	
LC-2KW Extra 2kw cartridge for LAC-4H/4NH	.....	20.00	
5VB Vinyl connector boots	.....pack of 5	13.00	

**DCI (DCI)**

146-4H 2m 200w bandpass filter	.....	\$ 89.00	
223.5-3H 220 200w bandpass filter	.....	89.00	
445-10C 440 200w bandpass filter	.....	109.00	

**DC SALES (DCS)**

Tenna Hitch Antenna mount for trailer hitch	..	\$ 32.95	
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**DAIWA (DAI)**

CS-201 2-position 600 MHz coax switch	.....	\$ 29.95	
CS-401 4-position 800 MHz coax switch	.....	139.95	119 <sup>95</sup>
CN-101 1.8-150MHz SWR/power meter/light	..	119.95	89 <sup>95</sup>
CN-103M 140-525MHz SWR/power meter	.....	129.95	99 <sup>95</sup>
CN-410M 3.5-150MHz 15/150w mob meter	.....	119.95	89 <sup>95</sup>
CN-460M 140-450MHz 15/150w mob meter	..	119.95	89 <sup>95</sup>
CN-465M 140-450MHz 15/75w mobile meter	.....	119.95	89 <sup>95</sup>
DP-810 1.8-150MHz digital SWR/power	.....	269.95	229 <sup>95</sup>
DP-820 140-525MHz dig SWR/power meter	..	315.95	249 <sup>95</sup>
DP-830 1.8-150/140-525 digital SWR/power	.....	401.95	319 <sup>95</sup>
NS-660PA 1.8-150 30/300/3kw PEP SWR/pwr	.....	249.95	199 <sup>95</sup>

**DAVIS (DAV)**

7400 Perception II indoor WX unit	.....	\$150.00	129 <sup>95</sup>
7415 Wizard II-S weather station	.....	150.00	129 <sup>95</sup>
7425 Wizard III weather station	.....	195.00	169 <sup>95</sup>
7440 Monitor II weather station	.....	395.00	349 <sup>95</sup>
7852 Rain Collector II, 0.01"	.....	75.00	69 <sup>95</sup>
7859 External temp/humd Sensor II; 7440	.....	125.00	109 <sup>95</sup>
7862 Weatherlink IBM interface/software	....	165.00	139 <sup>95</sup>
7866 Weatherlink Mac interface/software	....	165.00	139 <sup>95</sup>
7867 Weatherlink IBM conversion kit	.....	40.00	
7868 Weatherlink Mac conversion kit	.....	40.00	
7870 Modem adapter for 7862/7866	.....	6.00	
7873 Cig lighter power cord	.....	9.00	
7876 4-conductor 40' extension cable	.....	18.00	
7878 6-conductor 40' extension cable	.....	22.00	
7880 8-conductor 25' junction box cable	....	15.00	
7881 8-conductor 50' junction box cable	....	25.00	
7882 8-conductor 100' junction box cable	..	45.00	
7890 Mast mount for anemometer	.....	16.00	
7520 Stand alone 0.01" rain gauge/elec ctr	..	95.00	89 <sup>95</sup>

**DIAMOND (DIA)****SWR/POWER METERS**

SX-100 1.6-60 MHz 30/300/3kw PEP meter	....	\$159.95	149 <sup>95</sup>
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## DIAMOND - continued

SX-200	1.8-200 MHz 5/20/200w PEP meter ..	119.95	109 <sup>95</sup>
SX-400	140-525 MHz 5/20/200w PEP meter ..	139.95	129 <sup>95</sup>
SX-600	Dual band 1.8-160/140-525 200w PEP meter ..	199.95	179 <sup>95</sup>
SX-1000	1.8-160/430-1300MHz 200w PEP meter ..	269.95	249 <sup>95</sup>

## HT & HANDHELD SCANNER ANTENNAS

RH-3	2m/440 1.75" BNC mini HT duck .....	\$ 34.95
RH-77CA	2m/440 15" BNC rubber gain ant ..	34.95
RH-205	2m 2 1/2" wave telescopic HT antenna ....	27.95
RH-951	2m/440/1.2GHz 15" BNC rubber ant ..	57.95

## MONO-BAND MOBILE ANTENNAS

NR-124	1.2GHz 8.4db 25" type N mobile ant ..	\$ 66.95
NR-140A	220 4db 37" mobile antenna .....	60.95
SG-2000A	2m 5.2db 62" mobile antenna .....	89.95
SG-6000NMO	6m 2.15db 39" NMO mobile .....	84.95

## DUAL-BAND MOBILE ANTENNAS

CR-214S	2m/220 2.1/3.4db 37" mobile ant ..	\$ 62.95
CR-224A	2m/220 5/6db 69" mobile antenna .....	109.95
NR-72BNMO	Black 2m/440 2.15db 14" NMO ..	46.95
NR-73BNMO	Blk 2m/440 2.15/5.5db 34" NMO ..	62.95
NR-770HA	2m/440 3/5.5db 40" mobile ant ..	62.95
NR-770HB	Black 2m/440 3/5.5db 40" mobile ..	64.95
NR-770HBNMO	Blk 2m/440 3/5.5db 40" NMO ..	66.95
NR-770HNMO	2m/440 3/5.5db 40" NMO mobile ..	64.95
NR-770RA	2m/440 3/5.5db 39" mobile ant ..	62.95
NR-770SA	2m/440 2.15db 16.5" mobile ant ..	41.95
NR-790A	2m/440 4.5/7.2db 57" mobile ant ..	94.95
SG-7000A	2m/440 2.15/3.8db 19" mobile .....	73.95
SG-7200NMO	2m/440 3.2/5.7db 38" NMO ant ..	88.95
SG-7500A	2m/440 3.5/6db 41" mobile ant ..	86.95
SG-7900A	2m/440 5/7.6db 62" mobile ant ..	124.95
TG-509	2m/440 2.1/5.5db 34" glass mt ant ..	199.95

## TRI-BAND MOBILE ANTENNAS

CR-320A	2m/220/440 2.15/3.8/5.5db 36" ..	\$ 98.95
CR-627B	6m/2m/440 2.15/4.5/7.2db 60" ant ..	109.95
NR-2000NA	2m/440/1.2 3/6/9.7db 39" N mob ..	92.95

## MAGNET MOUNTS

DP-SPM/58U	Mag mt w/RG-58U; 45" max ..	\$ 43.95
DPK-4NM-N	Hvy mag mt, Yaesu N, 45" max ..	49.95
DPK-4NM-N	Hvy dty mag mt, cbl, N, 45" max ..	49.95
MCR-L	Mag mt HT base/retractable cbl/BNC Dm ..	55.95
MCR-M	Mag mt HT base w/coax/tiltable BNC ..	44.95
SPM-35	Hvy duty mag mt, cable, 45" max ..	44.95

## TRUNK LIP MOUNTING KITS

K-200	Folding hatch/tkn mt; NR/SG ants .....	\$ 39.95
K-200KM	Folding hatch/tkn mt/coax; NR/SG ..	69.95
K-400	Hatch/trunk mt; NR/SG antennas .....	39.95
K-400-3/8C	Trunk mount w/6" cable; 3/8" ..	69.95
C-110	10' extension cable for K-400-3/8C ..	14.95
K-400M	Hatch/trunk mt w/cable; NR/SG ants ..	79.95
K-400NMO	Dlx hatch/trunk mt w/cable; NMO ..	67.95
K-600M	Tilt angle trunk mt w/cable .....	69.95
K-600N	Tilt angle tnk mt w/type N, cable ..	74.95
K-600P	Tilt angle trunk mt w/cable, Yaesu N ..	72.95
K-601M	SO-239 hideaway trunk mt, 6' coax ..	69.95
K-601NMO	NMO hideaway trunk mt, 6' coax ..	69.95
C-110	10' extension cable for K-601 mts ..	14.95

## GUTTER MOUNTS & KITS

K-300	Folding gutter mt; NR/SG antennas ..	\$ 39.95
K-300KM	Folding gutter mt w/coax; NR/SG ..	67.95
K-300M	Gutter mt w/cable; NR/SG ants .....	79.95

## MIRROR & LUGGAGE RACK MOUNTS & KITS

K-540	Mirror/luggage rack mount .....	\$ 39.95
K-540KM	Mirror/luggage rack mt w/coax .....	67.95
K-550	Luggage mt; new mini vans (use GLP) ..	49.95



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## DIAMOND - continued

K-550KM	Luggage mt w/SG-239 base/coax ..	69.95
<b>MOUNTING GROUP HARDWARE</b>		
C-101	SO-239 mt, 6.5' RG-316 low-loss coax ..	\$ 29.95
C-110	10' ext cable; C-101/K-601/K-400-3/8C ..	14.95
C-211	SO-239 mt, 6.5' coax, 10' coax extend ..	39.95
GLP-5	UHF base mtg group hrdwr; mini coax ..	10.95
GLP-5N	UHF mtg grp hrdwr; mini coax, Yae N ..	13.45
GLP-58	UHF base mounting group hardware ..	10.45
NMO-UHF	Adapter to NMO; not for SG, 45" max ..	23.95

## MONO-BAND BASE STATION ANTENNAS

DP-GH62	6m 6db 21" base antenna .....	\$157.95
F-22A	2m 6.7db 10.5' base antenna .....	114.95
F-22J	143.5-146.5MHz 6.7db 10.5' base ant ..	114.95
F-23A	2m 7.8db 15' base antenna .....	172.95
F-23C1	148-154MHz 7.8db 15' comm base ..	183.95
F-23J	143.5-146.5MHz 7.8db 15' base ant ..	172.95
F-142A	220 MHz 5.5db 6' base antenna .....	136.95
F-718A	440 11.5db 15' type N base antenna ..	246.95
F-718C2	460-472MHz 11.5db 15' N comm ..	261.95
F-718J	428-442MHz 11.5db 15' N base ant ..	246.95
F-718L	420-430MHz 11.5db ATV N base ant ..	246.95
F-1230A	1.2GHz 13.5db 10.5' type N base ant ..	178.95

## DUAL-BAND BASE STATION ANTENNAS

U-200	440/1.2GHz 8.3/11.7db 6' N base ant ..	\$141.95
U-300A	440/1.2GHz 8.6/13.2db 8.3' N base ant ..	178.95
X-50A	2m/440 4.5/7.2db 5.6' base antenna ..	125.95
X-200A	2m/440 6/8db 8.3' base antenna .....	167.95
X-300A	2m/440 6.5/9db 10.2' base ant .....	183.95
X-500HNA	Hvy duty 2m/440 8.3/11.7db 17.8' N ant ..	269.95
X-510MA	2m/440 8.3/11.7db 17.2' base ant ..	219.95
X-510NA	2m/440 8.3/11.7db 17.2' type N ant ..	219.95
X-510NJ	143.5-146.5/428-442MHz 17.2' N ..	219.95
X-700HA	2m/440 9.3/13db 24' base ant .....	439.95
X-2200A	2m/220 6/7.8db 11.5' base ant .....	183.95

## TRI-BAND BASE STATION ANTENNAS

D-130J	25-1300 MHz 200w discone ant .....	\$101.95
U-5000A	2m/440/1.2GHz 4.5/8.3/11.7db 6' N ..	167.95
V-2000A	52-54MHz/2m/440 2.1/6.2/8.4db 8.3' ..	172.95
X-3200A	2m/220/440 6/7.8/8db 10' base .....	241.95
X-6000A	2m/440/1.2 6.5/9/10db 10.5' N .....	219.95

## DUPLEXERS & TRIPLEXERS

MX-37	HF-440/1.2 100/50w N duplexer .....	\$ 74.95
MX-37N	HF-440/1.2 100/50w N dplxr .....	60.95
MX-72D	HF-2m/440 400/150/100w duplexer ..	52.95
MX-72DN	As MX-72D, w/type N on 440 .....	52.95
MX-72H	As MX-72D, w/12" cables .....	58.95
MX-72J	As MX-72D, all SO-239 .....	58.95
MX-72N	As MX-72D, type N on 440, 12" cables ..	58.95
MX-214	2m/220 150/100w w/12" cables .....	73.95
MX-214D	As MX-214, no cables .....	73.95
MX-324D	As MX-324, no cables .....	99.95
MX-2000	HF-6m/2m/440 400/400/250w triplexer ..	94.95
MX-2000D	As MX-2000, no cables .....	99.95
MX-3000	HF-2m/440/1.2 400/200/100w triplexer ..	94.95
MX-3000D	As MX-3000, no cables .....	89.95
MX-3000DN	As MX-3000, type N on 440, 1.2 ..	89.95
MX-3000N	As MX-3000, type N, 12" cables ..	94.95

## ACCESSORIES

CA-23R	DC-1GHz 200w N lightning protect ..	\$ 39.95
CA-35R	DC-500MHz 400w lightning protect ..	36.95
CX-210A	1.5kw DC-1000MHz coax switch .....	51.95
CX-210N	1.5kw DC-1500MHz N coax switch ..	93.95
DL-30N	15/100w peak 0-500MHz N dummy Dw ..	49.95
HB-100	Desk mount bracket for HT .....	44.95
HB-400	HT air vent dash mount .....	19.95
HB-450	HT adjustable air vent dash mount ..	69.95
HB-500	Remote head air vent dash mount .....	22.95
HB-650	HT door mt; side window/glove box ..	69.95
SM-505KTS	Spkr/mic Kenwood TR-2500 ..Dm ..	29.95

## Diamond Systems (DSY)

### IBM LICENSE COURSE; THEORY/REGULATIONS/CODE

DSI-IBM-N	Novice Class License software ..	\$ 49.95
DSI-IBM-T	Technician Class License software ..	44.95
DSI-IBM-NC	No Code Tech Class License software ..	59.95
DSI-IBM-G	General Class License software ..	44.95
DSI-IBM-A	Advanced Class License software ..	59.95

## DIAMOND SYS - continued

DSI-IBM-E	Extra Class License software .....	59.95
<b>DIGIMAX (DIG)</b>		
D-500	512 MHz 8-digit counter - 1 PPM .....	\$149.95
D-510A	1 GHz 8-digit counter - 1 PPM .....	179.95
D-612	1.2 GHz 9-digit counter - .1 PPM .....	259.95
D-1200	1.2 GHz 9-digit .1 PPM ctr/audio mult ..	299.95

AC-12	9vdc adaptor .....	8.95
AM-12	10X/100X audio multiplier .....	39.95
AM-500X	X10/X100 audio multiplier .....	69.95
B-12	Dry cell holder, switch for D-612 .....	10.95
BAC-5	Nicad batt pack for D-500/D-510A .....	29.95
BAC-12	Nicad batt pack; D-612/D-1200 .....	34.95
RF-500X	Inline RF sampler, 250w maximum ..	39.95
T-1200	21" BNC telescopic antenna .....	8.95

## DRAKE (DRA)

R-8	1290 Shortwave receiver .....	\$999.00
R-8A	Shortwave receiver .....	1099.00
1590	35-55, 108-174 MHz VHF converter ..	209.00
1591	Interface software for computers .....	59.00
MS-8	1592 Speaker .....	49.00
7850	R-8 technical manual .....	39.95
SW-8	Shortwave receiver .....	699.00

## EDCO (EDC)

TX-146	2m 50w 40db 3-stage helical filt ..Dm ..	\$ 89.95
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## EIMAC TRANSMITTING TUBES (EIM)

3-500Z	.....	\$183.00
3CX800A7	.....	412.00
3CX1200A7	.....	665.00
4CX250B/7203	.....	149.95
8873	.....	458.00
8874/3CX400A7	.....	439.95
8875	.....	499.00
8877/3CX1500A7	.....	935.00

### Also see TUBES

## FORBES GROUP (FOR)

VT-14	2m Ventenna 3' 2.6 db base ant .....	\$ 49.95
VT-22	220 Ventenna 25" 2.6 db base ant .....	49.95
VT-27	2m/440 Ventenna base antenna .....	74.95
VT-44	440 Ventenna 14" 2.6 db base ant .....	49.95
VT-15S	Scanner Ventenna 3' 2.6 db base .....	49.95

## Gamber-Johnson (GAM)

SS-100	Super slide mount w/ant plug .....	\$ 77.91
SS-101	Extra base for SS-100 .....	36.58

## GAP Verticals (GAP)

DX-VIII	Challenger 80/40/20/15/12/10/6/2m 31.5' ..	\$259.00
(SYN)	100' 1/2" black double braided rope ..	6.95
DX-VI	Eagle 40/20/17/15/12/10m 21.5' rigid ..	269.00
DX-IV	Voyager 160/80/40/20m 45'; use 350' guy ..	399.00
(SYN)	350' 3/8" black double braided rope ..	39.95
Titan DX	80/40/30/20/17/15/12/10m, 25' .....	289.00

## GENESYS (GEN)

ADP-1	Chrome NMO to SO-239 adapter .....	\$ 17.95
B-27	2m/440 7" duck .....	19.95
B-35	2m/440 15" duck .....	27.95
CT-221KE	Eartalk for Kenwood .....	84.95
CT-221ME	Eartalk w/split plugs .....	84.95
NMO Mount	NMO mount w/16" mount .....	10.95
PO Mount	SO-239 mount w/16" coax .....	17.95
QS-110	Speaker/mic for Alinco, Icom, Yaesu ..	29.95
QS-110K	Speaker/mic for Kenwood .....	29.95
SY-25D	VHF/UHF duplexer .....	34.95
T-05	Throat mic with split plugs .....	84.95
T-05K	Throat mic for Kenwood .....	84.95
T-05M	Throat mic for Motorola .....	92.95

## GLEN MARTIN (GME)

RT-424	4.5' roof-top tower, 6 sq ft 85 mph .....	\$149.95
RT-832	8' roof-top tower, 8 sq ft 85 mph .....	219.95
RT-936	9' roof-top tower, 18 sq ft 85 mph .....	369.95
RT-1832	17.5' roof-top tower, 12 sq ft 85 mph ..	499.95
LB-3755	Set of 8 1/2 x 5" lag bolts .....	8.95
RA-6024	24" side arm for roof tower .....	59.50
RA-6048	48" side arm for roof tower .....	76.50



GLEN MARTIN - continued Reg Sale

M-1330A	30' alum twr 12 sq ft/Hazer/10' mast	T	1539.56
M-1340A	40' alum twr 12 sq ft/Hazer/10' mast	T	1744.56
M-1350A	50' alum twr 12 sq ft/Hazer/10' mast	T	1971.06
M-1840A	40' alum twr 16 sq ft/Hazer/10' mast	T	2047.64
M-1850A	50' alum twr 16 sq ft/Hazer/10' mast	T	2292.64
M-1860A	60' alum twr 15 sq ft/Hazer/10' mast	T	3195.00
M-1870A	70' alum twr 15 sq ft/Hazer/10' mast	T	3485.00
LR-8400	Lightning rod kit (complete)		148.95
CW-2540	25' #4 bare copper ground wire		18.25
CW-5040	50' #4 bare copper ground wire		36.50
CW-7540	75' #4 bare copper ground wire		55.00
CW-1040	100' #4 bare copper ground wire		73.00
CW-1240	125' #4 bare copper ground wire		91.25
CW-1540	150' #4 bare copper ground wire		109.50
MC-10	Mast clamp; 2 required		24.95
ES-40	4" dia x 30" earth screw		13.95
ES-60	6" dia x 48" earth screw		23.95
ES-80	8" dia x 66" earth screw		54.00
GR-4400	Ground rod wire clamp		4.85
GR-5030	8' x 5/8" ground rod		19.00
H-2	175 lb load 12 sq ft HD aluminum Hazer		339.95
H-3	150 lb load 8 sq ft std aluminum Hazer		245.95
H-4	200 lb load 16 sq ft galv steel Hazer		326.95
HR-6010	T-X plates for H-2/4/5/6		19.95
M-1049	9' 1.92" OD galv steel mast		56.00
MA-1049	9' 1.92" OD aluminum mast		64.95
MA-1050	5' 1.92" OD aluminum mast		51.50
MA-2069	9' 2.376" OD aluminum mast		96.00
MA-5050	5' 1.33" OD aluminum mast		34.95
ML-1800	Messenger line kit; Glen Martin towers		65.50
ML-2500	Messenger line kit; Rohn towers		65.50
TB-25	Thrust bearing (2 sealed bearings)		79.95
TL-0470	Terminal lug		1.65
VH8-50	Hazer - 50' Rohn 45		1230.00
VH8-60	Hazer - 60' Rohn 45		1350.00
VH8-70	Hazer - 70' Rohn 45		1455.00
VH9-50	Hazer - 50' Rohn 55		1265.00
VH9-60	Hazer - 60' Rohn 55		1385.00
VH9-70	Hazer - 70' Rohn 55		1490.00

All GLEN MARTIN items are shipped PREPAID (Glen Martin's expense) direct to you from the factory (48 states). We prefer payment in full with order, however, we will accept your credit card with the understanding that we will process the charge when we order the merchandise from the factory. This means that you may be billed before you receive your order. Please allow sufficient delivery time. Most truck lines will not unload towers, so please be sure to have enough manpower and/or equipment on hand.

GOLD LINE (GOL)

1043	Signal Hunter 10m DF ant	Δm	\$ 55.00	24 <sup>95</sup>
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GROVE (GRV)

ANT-20	No-Tenna Inside car receiving ant		\$ 19.95	
BOK-16	Listener's Lawbook		9.95	
BOK-104	Antenna Factbook		9.95	
SP-200A	Sound Enhancer Deluxe spkr	Dmv	199.95	179 <sup>95</sup>

GRUNDIG (GRU)

Cosmopolit	Port AM/FM/SW/LW Rcvr	Dfv	\$249.95	139 <sup>95</sup>
Yacht Boy 206	Port AM/FM/SW/LW Rcvr	Dmv	139.95	59 <sup>95</sup>
Yacht Boy 220	Port AM/FM/SW/LW Rcvr	Dmv	129.95	49 <sup>95</sup>
Yacht Boy 230	Port AM/FM/SW/LW Rcvr	Dm	199.95	79 <sup>95</sup>
Yacht Boy 235	Port AM/FM/SW/LW Rcvr	Dfv	159.95	89 <sup>95</sup>
Satellit 700	AC/DC/batt AM/FM/SW/LW Rcvr		699.95	449 <sup>95</sup>
Traveller II	Port AM/FM/SW/LW Rcvr/clock		109.95	89 <sup>95</sup>
Yacht Boy 305	Portable AM/FM/SW/LW Rcvr		149.95	129 <sup>95</sup>
Yacht Boy 400	Portable AM/FM/SW/LW Rcvr		249.95	199 <sup>95</sup>

HAL (HAL)

DSP-4100	HF DSP modem		1295.00	1099
P-38	HF DSP modem		395.00	349 <sup>95</sup>
PCI-4000/MP	Multi-mode clover unit; IBM	m	795.00	699 <sup>95</sup>
ST-8000	HF modem	special order	3495.00	3269

HEIL (HEI)

PRO-SET-4	Deluxe boom mic/headset/HC-4		\$131.00	
PRO-SET-5	Deluxe boom mic/headset/HC-5		131.00	
PRO-MICRO-4	Boom mic/headset/HC-4		105.00	
PRO-MICRO-5	Boom mic/headset/HC-5		105.00	
PRO-5-4	Boom mic/single headset (HC-4)		120.00	
PRO-5-5	Boom mic/single headset (HC-5)		120.00	

HEIL - continued Reg Sale

AD-1-I	Pro-Set adapter cord for Icom		14.99	
AD-1-K	Pro-Set adapter cord for Kenwood		14.99	
AD-1-Y	Pro-Set adapter cord for Yaesu		14.99	
BM-5-4	Boom mic/single headset (HC-4) Dmwf		64.90	49 <sup>95</sup>
BM-5-5	Boom mic/single headset (HC-5) Dmwf		64.90	49 <sup>95</sup>
BM-5-4-I	Bm mic/sgl headset; Icom (HC-4) Dmwf		69.90	54 <sup>95</sup>
BM-5-4-Y	Bm mic/sgl headset; Yaesu (HC-4) Dmfv		69.90	54 <sup>95</sup>
BM-5-5-I	Bm mic/single headset; Icom (HC-5) Dmwf		69.90	54 <sup>95</sup>
BM-5-5-K	Bm mic/single headset; Ken (HC-5) Dmw		69.90	54 <sup>95</sup>
BM-5-5-Y	Bm mic/sgl headset; Yaesu (HC-5) Dv		69.90	54 <sup>95</sup>
BM-10-4	Boom mic/headset (HC-4) Dv		71.90	59 <sup>95</sup>
BM-10-4-I	Boom mic/headset; Icom (HC-4) Dmfv		85.90	69 <sup>95</sup>
BM-10-4-K	Boom mic/headset; Ken (HC-4) Dv		85.90	69 <sup>95</sup>
BM-10-4-Y	Boom mic/headset; Yaesu (HC-4) Dw		85.90	69 <sup>95</sup>
BM-10-5-I	Boom mic/headset; Icom (HC-5) Dmw		85.90	69 <sup>95</sup>
BM-10-5-K	Boom mic/headset; Ken (HC-5) Dw		85.90	69 <sup>95</sup>
BM-10-5-Y	Bm mic/headset; Yaesu (HC-5) Dmfv		85.90	69 <sup>95</sup>
FS-1	Foot switch		26.95	
HS-1	Hand switch		20.75	
HC-4	DX'ers 'dream machine' mic element		29.95	
HC-5	Mic element for Icom SM-5/SM-6		29.95	
HM-10-4	Microphone with HC-4 element		63.96	
HM-10-5	Microphone with HC-5 element		63.96	
HM-10-Dual	Mic w/HC-4 & HC-5 elements		112.96	
CC-1-I	HM-10 cable for Icom		25.99	
CC-1-K	HM-10 cable for Kenwood		25.99	
CC-1-Y	HM-10 cable for Yaesu		25.99	
MA-1	Clamp and arm for HM-10		49.99	
TB-1	Table base mic stand for HM-10		19.95	
B-5	Microphone boom (HC-5) Dw		41.90	14 <sup>95</sup>
B-4-I	Microphone boom; Icom (HC-4) Dmwf		47.90	19 <sup>95</sup>
B-4-K	Mic boom; Kenwood (HC-4) Dw		47.90	19 <sup>95</sup>
B-4-Y	Microphone boom; Yaesu (HC-4) Dwf		47.90	19 <sup>95</sup>
B-5-K	Mic boom; Kenwood (HC-5) Dmwf		47.90	19 <sup>95</sup>
B-5-Y	Microphone boom; Yaesu (HC-5) Df		47.90	19 <sup>95</sup>
FL-2	Flexlite	Dm	32.50	9 <sup>95</sup>
Ear Pads	for BM-series	pair	5.00	
Boom Clip	for BM-series		5.00	

HUSTLER (HUS)

RM-80	80m CW 400w PEP resonator		\$ 26.95	
RM-75	75m phone 400w PEP resonator		26.95	
RM-40	40m 400w PEP resonator		24.95	
RM-30	30m 400w PEP resonator		24.95	
RM-20	20m 400w PEP resonator		21.95	
RM-17	17m 400w PEP resonator		21.95	
RM-15	15m 400w PEP resonator		15.95	
RM-12	12m 400w PEP resonator		15.95	
RM-11	11m 400w PEP resonator		15.95	
RM-10	10m 400w PEP resonator		15.95	
RMX-B	Black 10m resonator w/mast	Dmfv	34.95	19 <sup>95</sup>
RMX-W	White 10m resonator w/mast	Dmv	34.95	19 <sup>95</sup>
RM-80S	80m CW 2kw PEP resonator		49.95	
RM-75S	75m phone 2kw PEP resonator		49.95	
RM-40S	40m 2kw PEP resonator		35.95	
RM-20S	20m 2kw PEP resonator		28.95	
RM-15S	15m 2kw PEP resonator		24.95	
RM-11S	11m 2kw PEP resonator		23.95	
RM-10S	10m 2kw PEP resonator		23.95	
MO-1	54" mast for fender or deck mount		31.95	
MO-2	54" mast for bumper mount		31.95	
MO-3	54" no break-over mast		23.95	
MO-4	22" mast for special applications		19.95	
VP-1	Tri-band adapter		5.95	
RSS-2	Resonator spring		9.95	
QD-2	Stainless quick disconnect		19.95	
L-14-144	12' RG-58, PL-259 to lugs		9.95	
L-14-240	20' RG-58, PL-259 to lugs		12.95	
LU-216	18' RG-58, PL-259s both ends	Dfv	13.95	7 <sup>95</sup>

STAINLESS 2" MOBILE BALL MOUNTS

SSM-1	Ball & spring, cadmium hardware		\$ 46.95	
SSM-2	Ball, cadmium hardware		26.95	
SSM-3	Stainless steel spring		24.95	
1-1/2" MOBILE BALL MOUNTS				
C-32	Chrome plated ball		\$ 11.95	
C-30	Chrome plated spring		11.95	
C-29	Stainless steel spring		17.95	

HUSTLER - continued Reg Sale

BM-1	Single strap bumper mt w/C-32		21.95	
3/8-24 THREAD MOBILE MOUNTS				
GCM-1	Rain gutter mount	Δw	\$ 12.95	6 <sup>95</sup>
HLM	Trunk lip mount w/swivel		22.95	
HOT	Hustloff trunk lip mt w/swivel		23.95	
MBM	Super magnet mount w/16' coax		19.95	
MM-3	Universal mount with 17' coax		21.95	
RVM	Recreational vehicle mount		20.95	
TGM-1	Trunk groove mount		12.95	
TLM	Trunk lip mount		21.95	

HF ANTENNAS

4-BTV	40/20/15/10m 21' trap vertical		\$166.95	119 <sup>95</sup>
5-BTV	80/40/20/15/10m 25' trap vertical		211.95	149 <sup>95</sup>
30-MTK	30m trap kit for 4-BTV/5-BTV		41.95	39 <sup>95</sup>
6-BTV	80/40/30/20/15/10m 24' trap vert		246.95	169 <sup>95</sup>
G-2537	10m 4.2db vertical antenna	Dmw	134.00	69 <sup>95</sup>

VHF BASE STATION ANTENNAS

G6-144B	2m 6 db 10' vertical antenna		\$149.95	114 <sup>95</sup>
G6-270R	2m/440 6db 7.6' base station ant		208.95	159 <sup>95</sup>
G7-144	2m 7 db 15' vertical antenna		208.95	159 <sup>95</sup>
G6-220	220 MHz 7 db 10' vertical antenna		199.95	149 <sup>95</sup>
G6-440	440 MHz 6 db 7' vertical antenna		186.95	139 <sup>95</sup>

SPIRIT VHF/UHF BASE ANTENNAS (Special Order)

HSU-14448	2m unity gain base antenna	*T	\$400.00	219 <sup>95</sup>
HS3-14448	2m 3db base antenna	*T+m	495.00	249 <sup>95</sup>
HD6-14448	2m 6db base antenna	*T	833.00	629 <sup>95</sup>
HS6-43050	430-450MHz 6 db base ant	*T	697.00	379 <sup>95</sup>
HD9-43050	430-450MHz 9 db base ant	*T	882.00	499 <sup>95</sup>
HS6-12430	1.2GHz 6 db base antenna	*T	485.00	319 <sup>95</sup>
HS9-12430	1.2GHz 9 db base antenna	*T	766.00	419 <sup>95</sup>
HS12-12430	1.2GHz 12 db base antenna	*T	965.00	529 <sup>95</sup>

\*Specify exact frequency and height above ground that the Spirit antenna will be mounted above surrounding terrain. These antennas are drop-shipped (shipped direct to you from the Hustler factory). On these factory drop-shippments we prefer payment in full with order, however, we will accept your credit card with the understanding that we will process the charge when we order the merchandise from the factory. This means that you may be billed before you receive your drop-shipped merchandise. Shipment is FOB Mineral Wells, Texas via truck, COD for freight charges only. Freight charges will be collected upon delivery by the carrier. Please allow sufficient time for delivery on these special order antennas.

VHF MOBILE ANTENNAS

BBL-144A	2m FM 3/4" hole mt antenna, 3.4db		\$ 39.95	
BBLT-144A	2m FM trunk lip mt ant, 3.4 db		47.95	42 <sup>95</sup>
CG-144	2m FM 3/4-24 ant, 7' high, 5.2 db		31.95	
CGT-144	2m FM trunk mt ant, 7' high, 5.2db		51.95	49 <sup>95</sup>
CG-220	220 FM 3/4-24 antenna, 5.2 db		31.95	
CGT-220	220 MHz 5.2 db trunk mt antenna		51.95	44 <sup>95</sup>
FX-2	2m FM 3.4 db magnetic mt antenna		33.95	
FX-2B	2m FM 3.4 db black mag mt antenna		38.95	
FX-220	220 FM 3.4 db magnetic mt ant		33.95	
FX-220B	220 FM 3.4 db black mag mt ant		38.95	
FXM	FX-style magnet mount w/coax	Dmfv	19.95	14 <sup>95</sup>
MKR-2	Radial kit for SF-2/CG-144		20.95	
RX-2	2m FM 3.4db magnetic mount ant		24.95	
RX-220	220 FM 3.4db magnetic mt antenna		24.95	
RX-440	440 FM 5 db magnetic mt antenna		24.95	
SF-2	2m FM 3/4-24 ant, 4' high, 3.4 db		14.95	
SF-220	220 MHz 3/4-24 antenna, 3 db		14.95	
THF	140-500 MHz 1/4 wave trunk mount ant		23.95	
UGM	140-500 MHz 1/4 wave BNC mag mt ant		21.95	
UHT-1	140-500 MHz 1/4 wave roof mt ant		14.95	

HY-GAIN (HYG)

TRI-BAND BEAMS (20-15-10m)

398S	TH11DXS 11el 20/17/15/12/10m, 24' bm		1079.95	899 <sup>95</sup>
391S	TH7DXS 7 el, 24' boom w/balun		795.95	669 <sup>95</sup>
393S	TH5Mk2S 5 el, 19' boom w/balun		682.95	579 <sup>95</sup>
395S	Explorer 14 el, 14' boom w/balun		527.95	444 <sup>95</sup>
396S	QK-710 10MHz or 40m EX add-on		165.95	154 <sup>95</sup>



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## HY-GAIN - continued

388S TH3Mk4 3 el, 14' boom .....	424.95	359 <sup>95</sup>
221S-1 TH3JRS 3 el, 12' boom, 750w PEP .....	315.95	269 <sup>95</sup>
390S TH2Mk3S 2 el, 6' boom .....	337.95	289 <sup>95</sup>
RTP-1* Roof ant pack; TH3JR/CD45/4.5' twr/cbl .....	799.95	779 <sup>95</sup>

\*Drop-shipped from Hy-Gain, freight collect

## MONOBAND BEAMS

371S Discoverer 7-1 30m or 40m rotatable dipole .....	\$263.95	229 <sup>95</sup>
372S Discoverer 7-2 40m 2 el 23' boom .....	589.95	499 <sup>95</sup>
373S Discoverer 7-3 3rd el; 372S; 35' boom .....	371.95	314 <sup>95</sup>
377S-1 205CA 20m 5 el, 34' boom .....	661.95	559 <sup>95</sup>
394S 204BAS 20m 4 el, 26' boom .....	481.95	399 <sup>95</sup>
226S 203BAS 20m 3 el, 16' boom .....	289.95	249 <sup>95</sup>
376S 155B/CAS 15m 5 el, 26' boom .....	372.95	319 <sup>95</sup>
236S 153BAS 15m 3 el, 12' boom .....	178.95	159 <sup>95</sup>
375S 105B/CAS 10m 5 el, 24' boom .....	246.95	219 <sup>95</sup>
239S-1 103BAS 10m 3 el, 8' boom .....	128.95	119 <sup>95</sup>
1009AA LP-1009AA 13-30 MHz 12 el LP ...m	1295.95	1089
1010AA LP-1010AA 10-30 MHz 14 el LP ...m	1872.95	1569

## MULTI-BAND VERTICALS

188S DX-88 80-10m 8-band 25' vert .....	\$339.95	289 <sup>95</sup>
189S GRK-88 Ground radial kit .....	79.95	74 <sup>95</sup>
190S RRK-88 Roof radial kit .....	97.95	89 <sup>95</sup>
191S 160MK-88 160m kit for 188S .....	178.95	159 <sup>95</sup>
DX-77 40-10m 750w 7-band 29' no radials vert .....	412.95	349 <sup>95</sup>
182S 18HTS Hy-Tower 5-band, 50' high ...T	739.95	629 <sup>95</sup>
LC-160Q 160m loading coil for Hy-Tower ...	93.33	84 <sup>95</sup>
385S 14AVQ/WBS 40/20/15/10m, 18' .....	159.95	144 <sup>95</sup>
384S 12AVQS 20/15/10m, 13.5' high .....	111.95	99 <sup>95</sup>
184 14RMQ Roof kit-12/14AVQ/S, 18AVT/S ...	69.95	64 <sup>95</sup>
193S 18VS 80-10m trapless vert, 18' high ...	74.95	69 <sup>95</sup>

## MULTI-BAND DOUBLES

380S 2BDQS 80/40m 101' trap doublet .....	\$117.95	109 <sup>95</sup>
383S 5BDQS 80/40/20/15/10m 94' trap .....	235.95	199 <sup>95</sup>
381S 19PD 80-10m 233' 1-band port dipole .....	263.95	224 <sup>95</sup>

## VHF/UHF BASE STATION ANTENNAS

343S 66DX 6m 6 el beam, 24' boom .....	\$226.95	199 <sup>95</sup>
230S-1 64DX 6m 4 el beam, 12' boom .....	119.95	109 <sup>95</sup>
232S 215DX 2m 15 el beam, 28' boom .....	206.95	184 <sup>95</sup>
214S-1 214FM 2m 14 el beam, 15' boom .....	81.95	
208S-1 28FM 2m 8 el beam, 12' boom .....	71.95	
205S-1 25FM 2m 5 el beam, 6' boom .....	51.95	
203S-1 23FM 2m 3 el beam, 3.5' boom .....	41.95	
231S 70-31DX 430 31 el beam, 24' boom .....	199.95	179 <sup>95</sup>
338 GPG2B 2m ground plane ant .....	42.95	
331S V-42R 2m/440 type N base ant .....	154.95	139 <sup>95</sup>
335S-1 V-2R 2m ground plane ant .....	99.95	92 <sup>95</sup>
337S-1 V-4R 440 ground plane ant .....	97.95	89 <sup>95</sup>

## OSCAR LINK ANTENNAS

216S 216SAT 2m 16el 145.9MHz boom .....	\$213.95	189 <sup>95</sup>
215S 7030SAT 435 MHz 30 el beam .....	206.95	184 <sup>95</sup>
217 60" x 1 1/2" fiberglass crossboom .....	71.95	
218S OSCAR Link Complete Oscar ant sys ...	477.95	399 <sup>95</sup>

## ACCESSORIES

155 CI Center insulator for doublets .....	\$ 12.95	
156 EI 7" doublet end insulators .....	6.95	
157S CIC Dipole center insulator w/SO-239 ..	23.95	
242S BN-86 80-10m balun .....	36.95	
243S BN-4000B 4kw PEP 160-10m beam balun ..	93.95	89 <sup>95</sup>
244S BN-4000D 4kw PEP 160-10m dipole balun ..	93.95	89 <sup>95</sup>
245S BN-4000N 4kw PEP 80-10m N beam balun ..	103.95	94 <sup>95</sup>
2400-155 62400155 Contester bm mic/headset ..	113.95	99 <sup>95</sup>

## HY-GAIN CRANK-UP TOWERS

129 HG-37SS 37' self-supporting tower ....T	1526.95	1259
125-1 HG-52SS 52' self-supporting tower ....T	2565.95	2119
130-1 HG-54HD 54' hvy duty self-support ....T	3109.95	2569
131-1 HG-70HD 70' hvy duty self-support ....T	4485.95	3699
116 HG-5 5' 2" OD .120 wall steel mast .....	79.95	


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## HY-GAIN - continued

117 HG-10 10' 2" OD .120 wall steel mast Tw	102.95	49 <sup>95</sup>
118 HG-15 15' 2" OD .120 wall steel mast .T	165.95	154 <sup>95</sup>
121B HG-TBT Thrust bearing w/sleeve .....	86.95	79 <sup>95</sup>
122 HG-COA Coax arm*, tower legs 1"-1 1/2" ..	23.95	

\*One required per section

140 HG-TOA Tilt-over 'gin-pole' .....	T	727.95	619 <sup>95</sup>
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Hy-Gain Crank-Up Towers are drop-shipped (shipped direct to you from the Hy-Gain factory). On these drop-shipments we prefer payment in full with order, however, we will accept your credit card with the understanding that we will process the charge when we order the merchandise. This means that you may be billed before you receive your drop-shipped merchandise. Shipment is FOB Lincoln, Nebraska via truck, COD for freight charges only. Freight charges will be collected upon delivery by the carrier. Please allow sufficient delivery time. Most truck lines will not unload the tower, so please be sure to have enough manpower and/or equipment on hand.

## HY-GAIN ANTENNA ROTORS

305 AR-40 Solid state light duty rotor .....	\$256.95	229 <sup>95</sup>
302 CD-45-II Medium duty rotor .....	361.95	329 <sup>95</sup>
304 HAM IV Heavy duty rotor .....	509.95	439 <sup>95</sup>
304D Pathfinder HAM IV digl HD rotor ..Dmwf	749.99	569 <sup>95</sup>
307 Pathfinder HAM V digital HD rotor .....	881.95	749 <sup>95</sup>
303 T <sup>2</sup> X Tailtwister extra heavy duty rotor ....	607.95	529 <sup>95</sup>
303D Pathfinder Tailtwister dig extra HD rotor ..	951.95	819 <sup>95</sup>
300 HDR-300/A Deluxe digital hvy duty rotor ..	1198.95	999 <sup>95</sup>
306 Digital rotor control for HAM IV/T <sup>2</sup> X .....	607.95	524 <sup>95</sup>

## OPTIONAL ACCESSORIES FOR ROTORS

51467-10 MSHD Lwr mast support; HAM IV/T <sup>2</sup> X	\$ 79.95	
51472-10 MSLD Lwr mast support; CD45II/AR40	27.95	
50559-10 TSP-1 Tower spacing kit ....Dmwf	22.95	12 <sup>95</sup>

See BELDEN for rotor cable

## ICOM (ICO)

IC-781 Xcv/Rcv/ps/auto tuner/spec scope ...	8000.00	6599 <sup>95</sup>
FL-103 2.8 KHz SSB filter .....	98.00	
UT-36 Voice synthesizer .....	59.00	
IC-775DSP Xcvr/ps/keyer/auto tuner/IF-DSP ..	4760.00	3899 <sup>95</sup>
IC-775DSP/ICO Xcvr/ps/DSP installed ..Dmwf	4760.00	3299 <sup>95</sup>
CR-282 High stability crystal unit .....	134.00	124 <sup>95</sup>
FL-53A 250 Hz CW filter (2nd IF) .....	196.00	179 <sup>95</sup>
FL-101 250 Hz CW filter (1st IF) .....	106.00	99 <sup>95</sup>
FL-102 6 KHz AM filter .....	75.00	
FL-222 1.9 KHz 455 KHz IF SSB filter .....	199.00	179 <sup>95</sup>
FL-223 1.9 KHz 9 MHz IF SSB filter .....	84.00	
HM-36 Scanning hand mic .....	59.00	
MB-19 Rack mounting handles .....	59.00	
SM-6 Desk microphone .....	102.00	99 <sup>95</sup>
SM-8 2-connector desk mic/up/down scan ..	160.00	144 <sup>95</sup>
SP-20 Speaker w/audio filter .....	248.00	219 <sup>95</sup>
SP-21 External speaker .....	110.00	99 <sup>95</sup>
UT-66 Voice synthesizer .....	66.00	
IC-765 Xcvr/ps/keyer/tuner ....Special Order	3033.00	2599 <sup>95</sup>
EX-202 LDA-2 auto bandswitch unit; 730 Dm	26.00	9 <sup>95</sup>
EX-205 TRV unit for Xvtr switching; 730 ..Dm	26.00	6 <sup>95</sup>
FL-53 250 Hz CW filter for IC-740 .....	96.00	29 <sup>95</sup>
MB-18 Mobile mount for IC-751A .....	43.00	9 <sup>95</sup>
IC-738 Xcvr/SW Rcvr/tuner/keyer/mic/VOX ....	1543.00	1299 <sup>95</sup>
IC-736 Xcvr w/6m/tuner/power supply .....	2334.00	1699 <sup>95</sup>
PS-55 Power supply .....	286.00	239 <sup>95</sup>
PS-15 20A power supply .....	200.00	179 <sup>95</sup>
AH-3 Automatic antenna tuner .....	653.00	549 <sup>95</sup>
AH-2B Bumper mt & whip .....	303.00	259 <sup>95</sup>
AT-150 100w 9-band automatic ant tuner ..	638.00	529 <sup>95</sup>
CR-282 High stability crystal unit .....	134.00	124 <sup>95</sup>
CR-338 High stability xtal unit; 737A/736 ..	65.00	
FL-52A 500 Hz CW filter (2nd IF) .....	196.00	179 <sup>95</sup>
FL-53A 250 Hz CW filter (2nd IF) .....	196.00	179 <sup>95</sup>
FL-100 500 Hz CW filter (1st IF) .....	106.00	99 <sup>95</sup>
FL-101 250 Hz CW filter (1st IF) .....	106.00	99 <sup>95</sup>
HM-36 Extra scanning hand mic .....	59.00	
MB-49 Mobile mounting bracket .....	47.00	
SM-6 Desk microphone .....	102.00	99 <sup>95</sup>
SP-3 External speaker .....	112.00	99 <sup>95</sup>
SP-7 Small external speaker .....	75.00	
SP-20 Speaker w/audio filter .....	248.00	219 <sup>95</sup>
SP-21 External speaker .....	110.00	99 <sup>95</sup>
UT-30 Tone encoder .....	44.00	
EX-241 Marker unit for IC-745 .....	37.00	24 <sup>95</sup>

## ICOM - continued

EX-242 FM unit for IC-745 .....	Dm	75.00	39 <sup>95</sup>
IC-728 Xcvr/SW Rcvr w/mic .....		1453.00	1199 <sup>95</sup>
PS-55 Power supply .....		286.00	239 <sup>95</sup>
PS-15 20A power supply .....	Dmwf	200.00	179 <sup>95</sup>
AH-3 Automatic antenna tuner .....		653.00	549 <sup>95</sup>
AH-2B Bumper mt & whip .....		303.00	259 <sup>95</sup>
AT-160 Automatic antenna tuner .....	Dw	486.00	249 <sup>95</sup>
CR-64 High stability oscillator crystal .....		125.00	114 <sup>95</sup>
FL-100 500 Hz CW filter .....		106.00	99 <sup>95</sup>
FL-101 250 Hz CW filter .....		106.00	99 <sup>95</sup>
MB-5 Mobile mount .....		47.00	
SM-6 Desk microphone .....		102.00	99 <sup>95</sup>
SP-3 External speaker .....		112.00	99 <sup>95</sup>
SP-7 Small external speaker .....		75.00	
SP-20 Speaker w/audio filter .....		248.00	219 <sup>95</sup>
UI-7 AM/FM module for IC-728 .....		95.00	
UT-30 Tone encoder .....		44.00	
IC-707 Xcvr/SW Rcvr w/mic .....		899.00	759 <sup>95</sup>
PS-55 Power supply .....		286.00	239 <sup>95</sup>
PS-15 20A power supply .....	Dmwf	200.00	179 <sup>95</sup>
AH-3 Automatic antenna tuner .....		653.00	549 <sup>95</sup>
AH-2B Bumper mt & whip .....		303.00	259 <sup>95</sup>
CR-338 High stability crystal unit .....		65.00	
FL-52A 500 Hz CW filter (2nd IF) .....		196.00	179 <sup>95</sup>
FL-53A 250 Hz CW filter (2nd IF) .....		196.00	179 <sup>95</sup>
MB-5 Mobile mount .....		47.00	
SM-6 Desk microphone .....		102.00	99 <sup>95</sup>
SP-3 External speaker .....		112.00	99 <sup>95</sup>
SP-7 Small external speaker .....		75.00	
SP-20 Speaker w/audio filter .....		248.00	219 <sup>95</sup>
SP-21 External speaker .....		110.00	99 <sup>95</sup>
UI-9 FM module .....		90.00	
UT-30 Tone encoder .....		44.00	
IC-706 Mini Xcvr/SW Rcvr w/6 & 2m .....		1560.00	1249 <sup>95</sup>
PS-85 Power supply .....		325.00	279 <sup>95</sup>
AT-180 Automatic antenna tuner; HF+6m ..		599.00	499 <sup>95</sup>
OPC-598 23' extension cable for AT-180 ..		58.00	
FL-100 500 Hz CW filter .....		106.00	99 <sup>95</sup>
FL-101 250 Hz CW filter .....		106.00	99 <sup>95</sup>
FL-103 2.8 KHz SSB filter .....		98.00	
FL-223 1.9 KHz 9 MHz IF SSB filter .....		84.00	
CR-502 High stability oscillator crystal ....		76.00	
Suggest dealer installation of CR-502			
HM-77A TTP microphone .....		121.00	114 <sup>95</sup>
MB-62 Mounting bracket for main unit .....		20.00	
MB-63 Mounting bracket for control panel ..		14.00	
OPC-581 11.5' separation cable .....		48.00	
OPC-589 8-pin to jack adapter .....		28.00	
OPC-599 7+8-pin to 13-pin adapter .....		48.00	
UT-102 Voice synthesizer .....		59.00	
IC-2KL 160-15m/WARC solid state linear .....		2981.00	2459 <sup>95</sup>
IC-4KL 1kw output solid state linear .....		9900.00	7999 <sup>95</sup>
OPC-118 Adapter; 2KL/4KL; 725/735/765 ..		20.00	
AH-2A Antenna tuning system only ....Dmwf		760.00	499 <sup>95</sup>
AH-2B Bumper mt & whip .....		303.00	259 <sup>95</sup>
OPC-137 Adapt; AH-2/2A - 751A/745 ..Dmwf		20.00	16 <sup>95</sup>
AT-150 100w 9-band automatic ant tuner ..		638.00	529 <sup>95</sup>
OPC-137 Adapt; AT-150 - 751A/745 ..Dmwf		20.00	16 <sup>95</sup>
AT-500 500w 9-band automatic ant tuner ..		1095.00	919 <sup>95</sup>
OPC-118 Adapter; AT-500; 725/735/765/781 ..		20.00	
<b>SHORTWAVE RECEIVERS</b>			
R-1* 1MHz-1.3GHz AM/FM handheld Rcvr ....		\$635.00	529 <sup>95</sup>
R-1-15 1MHz-1.3GHz AM/FM hand Rcvr/cell blkd		500.00	429 <sup>95</sup>
HP-4 Lightweight headphones .....		23.00	
Note: R-1/R-1-15 use 'W'-series HT accessories			
R-71A 100 KHz-30MHz dig keyboard Rcvr Dmwf		1584.00	1199 <sup>95</sup>
CK-70 (EX-299) 12v DC option .....		33.00	
CR-64 High stability oscillator crystal .....		125.00	114 <sup>95</sup>
EX-257 FM unit .....		87.00	
EX-310 Voice synthesizer .....		85.00	
FL-32A 500 Hz CW filter .....		101.00	99 <sup>95</sup>
FL-44A SSB filter .....		227.00	199 <sup>95</sup>
FL-63A 250 Hz CW filter .....		97.00	
MB-12 Mobile mount .....		47.00	
RC-11 Infrared wireless remote control ....		116.00	109 <sup>95</sup>
SP-3 External speaker .....		112.00	99 <sup>95</sup>
R-72A 100 KHz - 30 MHz shortwave receiver ..		1200.00	999 <sup>95</sup>
CP-11 Cig cord w/noise filter .....		32.00	



ICOM - continued

CR-64	High stability oscillator crystal	125.00	114 <sup>95</sup>
FL-100	500 Hz CW filter	106.00	99 <sup>95</sup>
FL-101	250 Hz CW filter	106.00	99 <sup>95</sup>
MB-5	Mobile mount	47.00	
SP-3	External speaker	112.00	99 <sup>95</sup>
SP-7	Small external speaker	75.00	
SP-20	Speaker w/audio filter	248.00	219 <sup>95</sup>
UI-8	FM unit	95.00	
UR-1	Receiver protector unit	33.00	
UT-36	Voice synthesizer	59.00	
R-100*	.1MHz-1.856GHz AM/FM 12v Rcvr	935.00	789 <sup>95</sup>
R-100-11	.1MHz-1.856GHz am/fm 12v Rcv/cell blkd	801.00	669 <sup>95</sup>
AD-15A	Power supply	63.00	24 <sup>95</sup>
AH-7000	25-1000 MHz discone ant w/coax	165.00	149 <sup>95</sup>
CP-11	Cig cord w/noise filter	32.00	
HP-4	Lightweight headphones	23.00	
R-7000*	25 MHz - 2 GHz scanning receiver	2000.00	1679 <sup>95</sup>
AH-7000	25-1000 MHz discone ant w/coax	165.00	149 <sup>95</sup>
CK-70	(EX-299) 12v DC option	33.00	
EX-310	Voice synthesizer	85.00	
MB-12	Mobile mount	47.00	
RC-12	Infrared wireless remote control	110.00	104 <sup>95</sup>
SP-3	External speaker	112.00	99 <sup>95</sup>
TV-R7000	ATV unit for R-7000	297.00	249 <sup>95</sup>
R-7100*	25 MHz - 2 GHz scanning Rcvr	2035.00	1699 <sup>95</sup>
R-7100-12	25 MHz-2 GHz scan Rcvr/cell blkd	1768.00	1499 <sup>95</sup>
AH-7000	25-1000 MHz discone ant w/coax	165.00	149 <sup>95</sup>
MB-5	Mobile mount	47.00	
MB-23	Carrying handle	12.00	
SP-3	External speaker	112.00	99 <sup>95</sup>
SP-7	Small external speaker	75.00	
SP-20	Speaker w/audio filter	248.00	219 <sup>95</sup>
TV-R7100	TV/FM adapter	341.00	289 <sup>95</sup>
UT-36	Voice synthesizer	59.00	
R-9000*	.1-1999.8MHz Rcvr/spectrum scope	7508.00	6299 <sup>95</sup>

\*United States & state government agencies or a political subdivision thereof and communications utility companies and their legal agents **ONLY** may purchase unblocked models of R-1, R-100, R-7000, R-7100 and/or R-9000 for official government or communications utility company use only. Mail or FAX purchase order to AES.

SP-20	Speaker w/audio filter	248.00	219 <sup>95</sup>
UT-36	Voice synthesizer	59.00	
AH-610	Dual band 6/10m base ant	\$151.00	119 <sup>95</sup>
EX-20	6/10m automatic ant selector	107.00	89 <sup>95</sup>

2m TRANSCEIVERS

IC-2000H	50w 2m FM Xcvr w/TTP mic	\$377.00	269 <sup>95</sup>
OPC-347	23' DC power cable	37.00	
OPC-589	8-pin to jack adapter	28.00	
UT-85	Tone squelch unit	61.00	
UT-101	DTMF unit	22.00	
IC-281H	50w 2m FM Xcvr/TTP/9600 baud	488.00	399 <sup>95</sup>
MB-17A	Quick release bracket	39.00	
OPC-347	23' DC power cable	37.00	
OPC-440	Mic extension cable	68.00	
OPC-589	8-pin to jack adapter	28.00	
UT-66	Voice synthesizer	66.00	
UT-85	Tone squelch unit	61.00	
IC-275H	100w 2m FM/SSB/CW Xcvr	2100.00	1699 <sup>95</sup>
PS-55	Power supply	286.00	239 <sup>95</sup>
AG-25	Mast mounted GaSFET preamp	176.00	159 <sup>95</sup>
CR-64	High stability oscillator crystal	125.00	114 <sup>95</sup>
FL-83	CW filter	120.00	109 <sup>95</sup>
UT-34	Tone squelch unit	75.00	
UT-36	Voice synthesizer	59.00	
IC-2330A	45w 2m/25w 220 FM Xcvr/TTP	666.00	559 <sup>95</sup>
UT-55	DTMF tone enc/dec; 2330A/2340	55.00	49 <sup>95</sup>
UT-67	Tone squelch unit; IC-2330A	99.00	69 <sup>95</sup>
IC-2350H	50w 2m/35w 440 FM Xcvr/TTP mic	616.00	509 <sup>95</sup>
MB-17A	Quick release bracket	39.00	
OPC-347	23' DC power cable	37.00	
OPC-440	Mic extension cable	68.00	
OPC-589	8-pin to jack adapter	28.00	
UT-101	Pager/code squelch	22.00	
UT-89	Tone scan/decode unit	88.00	
IC-2700H LTD	50w 2m/35w 440FM/HM90A mic	855.00	619 <sup>95</sup>
HM-90A	wireless mic FREE w/IC-2700H LTD!	Limited Time!	
BC-96	Microphone holder	34.00	

ICOM - continued

EX-1513	Infrared sub receiver	22.00	
HM-90A	Wireless microphone	167.00	129 <sup>95</sup>
MB-17A	Quick release bracket	39.00	
MB-58	Remote controller bracket	31.00	
OPC-347	23' DC power cable	37.00	
OPC-438	11.5' separation kit	33.00	
OPC-439	23' separation kit	48.00	
OPC-440	Mic extension cable	68.00	
OPC-441	Speaker extension cable	26.00	
OPC-589	8-pin to jack adapter	28.00	
UT-66	Voice synthesizer	66.00	
UT-84	Tone squelch unit	88.00	
IC-820H	2m/430 SSB/FM sat Xcvr/9600/no mic	1734.00	1459 <sup>95</sup>
PS-55	Power supply	286.00	239 <sup>95</sup>
PS-15	20A power supply	200.00	179 <sup>95</sup>
AG-25	2m mast mounted GaSFET preamp	176.00	159 <sup>95</sup>
AG-35	430 MHz mast mounted preamp	182.00	164 <sup>95</sup>
CR-293	High stability xtal unit	304.00	274 <sup>95</sup>
FL-132	CW filter	106.00	99 <sup>95</sup>
HM-12	Scan hand microphone	59.00	
MB-5	Mobile mount	47.00	
SM-6	Desk microphone	102.00	99 <sup>95</sup>
SP-3	External speaker	112.00	99 <sup>95</sup>
SP-7	Small external speaker	75.00	
SP-20	Speaker w/audio filter	248.00	219 <sup>95</sup>
SP-21	External speaker	110.00	99 <sup>95</sup>
UT-36	Voice synthesizer	59.00	
UT-50	Tone decoder	59.00	
IC-Delta-100H	2m/440/1.2 GHz FM Xcvr/TTP	1239.00	1039 <sup>95</sup>
MB-50	Remote controller bracket	23.00	
OPC-332	11.5' separation kit	24.00	
OPC-333	23' separation kit	30.00	
OPC-335	16.4' speaker cable	32.00	
OPC-347	23' DC power cable	37.00	
UT-66	Voice synthesizer	66.00	
UT-75	DTMF decoder unit	55.00	
UT-76	Tone squelch unit	132.00	119 <sup>95</sup>
AH-32	2m/440 dual band mobile antenna	66.00	
Larsen PO-K	Roof mt, coax for AH-32	24.00	
Larsen PO-MM	Magnet mt, coax; AH-32	31.70	
Larsen PO-TLM	Trunk lip mt, coax; AH-32	27.30	
lcom AHB-32	Tnk lip mt, coax; AH-32	61.00	19 <sup>95</sup>

Accessory for IC-u2AT

BC-50	Desk quick cgr; not for BP-20	Dm	\$120.00	39 <sup>95</sup>
BP-21	7.2V 120ma battery	Dm	46.00	24 <sup>95</sup>

Accessories for IC-2AT

AD-12	External pwr adapter; 2/4GAT/32AT	\$	34.00	
BA-10	Bottom slide cap		11.00	
BC-16U/BM-112U	Wall cgr; BP-5A/7/8 only		32.00	
BC-25U	Extra wall charger; BP-3 only		28.00	
BC-35	Drop-in rapid charger; all batteries	120.00	109 <sup>95</sup>	
BP-2	425ma 7.2v long life batt; all HTs	68.00		
BP-3	250ma 8.4v battery; all HTs	52.00		
BP-4	Alkaline battery case; all HTs	28.00		
BP-5	425ma 10.8v high power batt; all HTs	87.00		
BP-5A	425 ma 10.8v direct charge batt; all	87.00		
BP-7	425ma 13.5v 5w batt; deluxe HTs only	97.00		
BP-8	800ma 8.4v long life batt; all HTs	96.00		
BP-70	Extra 270ma 13.2v batt; 2GAT/32AT	90.00		
CP-1	Cig cgr; BP-3/7/8/DC cord; dlx HTs	21.00		
CP-10	Battery separation cable w/clip	41.00		
CP-11	Cig cord w/noise filter; dlx HTs	32.00		
DC-1	DC operation module; std HTs	32.00		
FA-2	Extra 2m flexible antenna	23.00		
FA-140B	Extra 2m flex ant for IC-2GAT	23.00		
FA-1443B	Extra 2m/440 dual band flex ant	23.00		
HH-SS	Handheld shoulder strap	23.00		
HM-9	Speaker/mic; all HTs	58.00		
HM-46	Slim-line speaker/mic	47.00		
HS-10	Boom mic/headset	55.00		
HS-10SA	VOX unit (deluxe HTs only)	55.00		
HS-10SB	PTT switchbox	55.00		
HS-51	Headset w/VOX	77.00		
LC-2AT	Leather case; IC-2AT w/BP-3	Dm	28.00	9 <sup>95</sup>
LC-26AT	Leather case for IC-2GAT	Dm	28.00	9 <sup>95</sup>
LC-38	Vinyl case; 2GAT w/BP-2/3/4	Dm	17.00	1 <sup>95</sup>
LC-39	Vinyl case; 2GAT w/BP-5/70	Dm	20.00	2 <sup>95</sup>
LC-40	Vinyl case; 2GAT w/BP-5A/7/8	Dm	20.00	2 <sup>95</sup>

ICOM - continued

LC-41	Vinyl case; 32AT w/BP-2/3/4	Dm	20.00	3 <sup>95</sup>
LC-42	Vinyl case; 32AT w/BP-5/70	Dm	20.00	2 <sup>95</sup>
MB-16	Window/car door mount		32.00	
MB-16D	Mobile mtg bkt for all HTs		32.00	
MB-24	Window/car door mt; 2GAT	Δmwf	32.00	14 <sup>95</sup>
RB-1	Vinyl waterproof radio bag	Δm	39.00	24 <sup>95</sup>
UT-40	Tone squelch decoder; 2GAT/32AT		66.00	

Accessories for P-series hand-helds

BC-80	Desk cgr; BP-112-114, BP-81-85	Dmf	\$165.00	84 <sup>95</sup>
BC-74/BC-110A	Extra wall cgr; BP-111-114		32.00	
BP-110	Alkaline battery case	Dmv	28.00	19 <sup>95</sup>
BP-111	Extra 7.2v 400ma 1.5w battery		68.00	
BP-112	7.2v 700ma 1.5w battery	Dmwfv	75.00	39 <sup>95</sup>
BP-113	7.2v 1200ma 1.5w battery		101.00	99 <sup>95</sup>
BP-114	12v 400ma 5w battery	Dmwfv	123.00	69 <sup>95</sup>
CP-12	Cig lighter cable w/filter		29.00	
HM-9	Speaker/microphone		47.00	
HM-46	Slim-line microphone		47.00	
HM-54	Heavy duty speaker/mic		66.00	
HS-51	Headset w/VOX		77.00	
LC-91	Vinyl case; BP-111	Dmf	25.00	9 <sup>95</sup>
LC-92	Vinyl case; BP-110/112	Dm	17.00	6 <sup>95</sup>
LC-93	Vinyl case; BP-113/114	Dm	19.00	9 <sup>95</sup>
MB-30	Mobile/wall bracket		32.00	
OPC-254	Mini DC power cable		11.00	
UT-49	DTMF decoder unit		59.00	

Accessories for IC-2iA

AD-26	Adapter for BC-79A w/BP-121-124		\$ 14.00	
BP-120	AA alkaline battery case		28.00	
BP-121	7.2v 400ma battery	Dfv	68.00	39 <sup>95</sup>
BP-122	7.2v 700ma battery	Dmwfv	75.00	39 <sup>95</sup>
BP-123	7.2v 1200ma battery	Dmwfv	101.00	59 <sup>95</sup>
BP-124	12v 400ma battery	Dmf	128.00	69 <sup>95</sup>
HM-9L	Speaker/mic		47.00	
LC-83	Vinyl case for BP-121	Dwf	28.00	16 <sup>95</sup>
LC-84	Vinyl case for BP-120/122	Dwf	28.00	14 <sup>95</sup>
LC-85	Vinyl case for BP-123/124	Dmf	28.00	14 <sup>95</sup>
IC-W31A	2m/440 HT/batt/cgr/TTP/tone sq		513.00	429 <sup>95</sup>
IC-W31A/HP	5w 2m/440 HT/batt/cgr/TTP/tone		553.00	469 <sup>95</sup>
IC-Z1A	2m/440HT/BP180/cgr/TT/detach mic/tone sq		525.00	449 <sup>95</sup>

\$100 rebate from Icom - IC-Z1A thru 6/30/96

AD-51	Battery charger adapter		11.00	
BC-74/BC-110A	Extra wall cgr; BP-111-114		32.00	
BC-79A	Desk charger (adapter required)		105.00	
BP-170	Battery case		28.00	
BP-171	4.8v 700ma battery	†	66.00	49 <sup>95</sup>
BP-172	4.8v 950ma battery		73.00	
BP-173	9.6v 600ma battery		120.00	109 <sup>95</sup>
BP-180	7.2v 600ma battery		66.00	
CP-12	Cig lighter cable w/filter		29.00	
CP-12L	Right angle cig cable w/filter		29.00	
HM-46	Slim-line speaker/mic		47.00	
HM-46L	Slim-line spkr/mic, rt angle plug		47.00	
HM-54	Hvy duty spkr/mic		66.00	
HM-75A	Remote control microphone		77.00	
HS-85	Headset		84.00	
LC-123	Vinyl case; Z1A w/BP-170/171/172		30.00	
LC-124	Vinyl case; IC-Z1A w/BP-173		30.00	
LC-128	Vinyl case; IC-W31A		30.00	
MB-30	Mobile/wall bracket		32.00	
OPC-254L	Right angle mini DC pwr cable		11.00	
SP-13	Earphone		3.00	
UT-93	Tone squelch unit; early IC-Z1A		66.00	
UT-94	Tone squelch unit; early IC-W31A		44.00	
IC-T22A	2m FM HT/batt/cgr/TTP		292.00	239 <sup>95</sup>
IC-T7A	2m/440 FM HT/batt/cgr/TTP		395.00	339 <sup>95</sup>
AD-56	Battery charger adapter		14.00	
BC-74/BC-110A	Extra wall cgr; BP-111-114		32.00	
BC-79A	Desk charger (adapter required)		105.00	

**AES® GIFT CERTIFICATES...**  
Information on p.23



Same Day Shipping ... Call Toll Free & Use your Credit Card!



## ICOM - continued

BP-170 Battery case .....	28.00	
BP-171 4.8v 700ma battery .....	66.00	
BP-172 4.8v 950ma battery .....	73.00	
BP-173 9.6v 600ma battery .....	120.00	109 <sup>95</sup>
BP-180 7.2v 600ma battery .....	66.00	
CP-12 Cig lighter cable w/filter .....	29.00	
CP-12L Right angle cig cable w/filter .....	29.00	
CS-17 DOS software for IC-T7A .....	28.00	
CSW-17 Windows software for IC-T7A .....	56.00	
HM-46 Slim-line speaker/mic .....	47.00	
HM-46L Slim-line spkr/mic, rt angle plug ..	47.00	
HM-54 Hvy duty spkr/mic .....	66.00	
HM-75A Remote control microphone .....	77.00	
HS-85 Headset .....	84.00	
LC-125 Vinyl case; T22A w/BP170/171/172 ..	30.00	
LC-126 Vinyl case; T22A w/BP173 .....	30.00	
LC-136 Vinyl case; T7A w/BP170/171/172 ..	30.00	
LC-137 Vinyl case; T7A w/BP173/180 .....	30.00	
MB-30 Mobile/wall bracket .....	32.00	
OPC-254 Mini DC power cable .....	11.00	
OPC-254L Right angle mini DC pwr cable ..	11.00	
OPC-478 PC to radio cloning cable; IC-T7A ..	46.00	
SP-13 Earphone .....	3.00	
UT-94 Tone squelch unit; T22A .....	44.00	
IC-W21AT 2m/220 FM HT/batt/cgr/TTP .....	550.00	469 <sup>95</sup>
IC-W21AT 2m/440 FM HT/batt/cgr/TTP ....Dmwf	536.00	399 <sup>95</sup>

**HM-46 spkr/mic FREE with IC-W21AT until gone!**

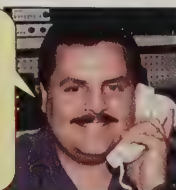
**\$100 coupon - IC-W21AT until gone!**

AD-25 Battery charger adapter .....	50.00	
AD-28 Batt pack adapter for rapid charger ..	14.00	
BC-77/BC-105A Extra wall charger .....	32.00	
BC-79A Desk charger (adapter required) ....	105.00	
BP-130 Battery case .....	28.00	
BP-131 900ma 7.2v battery/mic .....	106.00	99 <sup>95</sup>
BP-132 600ma 12v battery/mic .....	120.00	109 <sup>95</sup>
BP-157 900ma 7.2v battery .....	68.00	
CP-13 Cig cable w/filter .....	32.00	
CP-13L Right angle cig cable w/filter .....	32.00	
HM-9 Speaker/microphone .....	47.00	
HM-46 Slim-line speaker/mic .....	47.00	
HM-46L Slim-line spkr/mic, rt angle plug ..	47.00	
HM-54 Hvy duty spkr/mic .....	66.00	
HM-55A Speaker/mic w/TTP .....	127.00	109 <sup>95</sup>
HM-75 Speaker/mic w/remote control .....	77.00	
HS-51 Headset w/VOX .....	77.00	
LC-103 Vinyl case; W21A/BP130/131 ....Dmw	30.00	19 <sup>95</sup>
LC-104 Vinyl case; W21A w/BP-132 ....Dmw	30.00	19 <sup>95</sup>
LC-105 Vinyl case; IC-W21AT w/BP-130/131 ..	30.00	
LC-106 Vinyl case; IC-W21AT w/BP-132 .....	30.00	
MB-30 Mobile/wall bracket .....	32.00	
OPC-288 Mini DC power cable .....	15.00	
OPC-288L Right angle mini DC pwr cable ..	15.00	

### Accessories for IC-2SAT/2SRA/24AT/W2A

AD-14 BC-74 charge adapter .....	\$ 34.00	
AD-20 BC-77 charge adapter .....	Dmwf	50.00 24 <sup>95</sup>
AH-20 Replacement rcv ant for IC-2SRA .....	22.00	
BA-11 Bottom cap .....	9.00	
BA-12 Drop-in charger adapter .....	23.00	
BC-72 Rapid desk charger .....	149.00	134 <sup>95</sup>
BC-74/BC-110A Extra wall cgr; 24AT/S-series ..	32.00	
BC-77/BC-105A Extra wall cgr; W2A/2SRA ....	32.00	
BP-81 7.2v 110ma battery .....	Δmwf	61.00 44 <sup>95</sup>
BP-82 7.2v 300ma battery .....	66.00	
BP-83 7.2v 600ma battery .....	72.00	
BP-84 7.2v 1000ma battery .....	96.00	
BP-85 12v 340ma 5w battery .....	124.00	112 <sup>95</sup>
BP-90 AA battery case .....	28.00	
CP-12 Cig lighter cable w/filter .....	29.00	
CP-13 Cig cable w/filter; W2A/2SRA .....	32.00	
HM-9 Speaker/microphone .....	47.00	

**Hi! I'm Eddie, KD4RAZ...**  
**Se habla español**  
**AES® ORLANDO**  
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**1-800-327-1917**



## Reg Sale

## ICOM - continued

HM-46 Slim-line speaker/mic .....	47.00	
HM-54 Hvy duty spkr/mic; not for 2G/W2A .....	66.00	
HM-65 Slim-line spkr/mic; W2A/2SRA .....	61.00	
HM-70 Speaker/mic; W2A/2SRA .....	Dmwf	66.00 39 <sup>95</sup>
HS-51 Headset w/VOX .....	77.00	
HS-60 VOX headset; W2A/2SRA .....	Dm	88.00 39 <sup>95</sup>
LC-24(L) Leather case; 24AT/BP-85 .....	Dm	21.00 9 <sup>95</sup>
LC-63 Vinyl case; 24AT/BP-81/BA-11 .....	Dm	17.00 4 <sup>95</sup>
LC-66 Vinyl case; 24AT w/BP-84/85 .....	Dm	21.00 9 <sup>95</sup>
LC-71 Case; W2A/2SRA w/BP81/BA11 .....	Dmwf	28.00 6 <sup>95</sup>
LC-SAT(L) Leather case; 2SAT w/BP-85 .....	Dm	28.00 6 <sup>95</sup>
MB-22 Alligator belt/pocket clip .....	12.00	
MB-25 Stainless steel wall storage unit .....	33.00	
MB-30 Mobile/wall bracket .....	32.00	
OPC-254 Mini DC power cable .....	11.00	
OPC-288 Mini DC pwr cord; W2A/2SRA .....	15.00	
UT-49 DTMF decoder unit for S-series .....	59.00	
UT-50 Tone decoder .....	59.00	
UT-51 Programmable tone encoder unit .....	66.00	
IC-2GXAT/HP 7w 2m FM HT/batt/cgr/TTP .....	359.00	289 <sup>95</sup>

**BP-130A batt case FREE w/IC-2GXAT/HP! Limited Time!**

AD-25 Battery charger adapter .....	50.00	
AD-28 Batt pack adapter for rapid charger ..	14.00	
BC-77/BC-105A Extra wall charger .....	32.00	
BC-79A Desk charger (adapter required) ....	105.00	
BP-130A Battery case .....	28.00	
BP-132A 600ma 12v battery/mic .....	120.00	109 <sup>95</sup>
BP-157A 900ma 7.2v battery .....	68.00	
BP-160 700ma 7.2v battery .....	53.00	29 <sup>95</sup>
BP-174 600ma 12v battery .....	78.00	
CP-13 Cig cable w/filter .....	32.00	
CP-13L Right angle cig cable w/filter .....	32.00	
HM-46 Slim-line speaker/mic .....	47.00	
HM-46L Slim-line spkr/mic, rt angle plug ..	47.00	
HM-54 Heavy duty spkr/mic .....	66.00	
HM-55A Speaker/mic w/TTP .....	127.00	109 <sup>95</sup>
HS-51 Headset w/VOX .....	77.00	
LC-116 Carrying case; BP-130A/157A/160 ..	30.00	
LC-117 Carrying case for BP-132A .....	30.00	
MB-30 Mobile/wall bracket .....	32.00	
OPC-288 Mini DC power cable .....	15.00	
OPC-288L Right angle mini DC pwr cable ..	15.00	
SP-13 Earphone .....	3.00	
UT-49 DTMF decoder unit .....	59.00	
IC-Delta-1A 2m/440/1.2 FM HT/batt/cgr/TTP ..	866.00	599 <sup>95</sup>
AD-22 External battery charge adapter .....	50.00	
AD-27 Charge adapt; BP-101 - 103/BC-79 ..	14.00	
BP-100 Battery holder .....	28.00	
BP-101 700ma 7.2v battery .....	75.00	
BP-102 1200ma 7.2v battery .....	103.00	99 <sup>95</sup>
BP-103 600ma 12v battery .....	121.00	109 <sup>95</sup>
CP-13 Cig cable w/filter .....	32.00	
CP-13L Right angle cig cable w/filter .....	32.00	
HM-46 Slim-line speaker/mic .....	47.00	
HM-46L Slim-line spkr/mic, rt angle plug ..	47.00	
LC-81 Vinyl case for BP-100/101/102 .....	28.00	
LC-82 Vinyl case for BP-103 .....	28.00	
OPC-288 Mini DC power cable .....	15.00	
OPC-288L Right angle mini DC pwr cable ..	15.00	
UT-70 Tone encoder/decoder .....	160.00	144 <sup>95</sup>
IC-T21A 2m FM HT/batt/cgr/TTP .....	359.00	259 <sup>95</sup>

**ARTSCL mod book FREE with IC-T21A! Limited time!**

**BP-152 battery FREE w/IC-T21A! Limited Time!**

AD-44 Desk charger adapter .....	14.00	
BC-74/BC-110A Extra wall charger .....	32.00	
BC-79A Desk charger (adapter required) ....	105.00	
BP-151 800ma 6v battery .....	46.00	
BP-152 1100ma 6v battery .....	53.00	
BP-153 600ma 12v battery .....	120.00	109 <sup>95</sup>
BP-159 Battery case .....	28.00	
CP-12 Cig lighter cable w/filter .....	29.00	
CP-12L Right angle cig cable w/filter .....	29.00	
HM-46 Slim-line speaker/mic .....	47.00	
HM-46L Slim-line spkr/mic, rt angle plug ..	47.00	
HM-54 Heavy duty spkr/mic .....	66.00	
HM-55A Speaker/mic w/TTP .....	127.00	109 <sup>95</sup>
HM-75A Remote control microphone .....	77.00	
HS-51 Headset w/VOX .....	77.00	

## Reg Sale

## ICOM - continued

LC-109 Vinyl case for BP-151/159 .....	30.00	
LC-110 Vinyl case for BP-153 .....	30.00	
LC-111 Vinyl case for BP-152 .....	30.00	
MB-30 Mobile/wall bracket .....	32.00	
OPC-254 Mini DC power cable .....	11.00	
OPC-254L Right angle mini DC pwr cable ..	11.00	
SP-13 Earphone .....	3.00	
RP-1520 25w 2m FM repeater .....	3025.00	2499 <sup>95</sup>

Repeaters require service dept. set-up; \$68 minimum

### 220 MHz TRANSCEIVERS

IC-03AT 2.5w 220 HT/batt/cgr/TTP .....	\$400.00	339 <sup>95</sup>
IC-3SAT 2/5w 220 HT/batt/cgr/TTP .....	Dm	468.00 336 <sup>95</sup>
IC-03AT uses same accessories as IC-02AT/HP		
IC-3SAT uses same accessories as IC-2SAT		
IC-38A 25w 220 FM Xcvr w/TTP mic .....	496.00	419 <sup>95</sup>
HM-56A Extra autodial TTP mic .....	138.00	124 <sup>95</sup>
RP-2210 25w 220 MHz FM repeater .....	2700.00	2229 <sup>95</sup>

Repeaters require service dept. set-up; \$68 minimum

### 430/440 MHz TRANSCEIVERS

IC-481H 50w 440 FM Xcvr/TTP/9600 baud ....	\$665.00	559 <sup>95</sup>
IC-4GXAT 440 FM HT/batt/cgr/TTP .....	380.00	289 <sup>95</sup>
IC-P4AT Mini 440 FM HT/batt/cgr/TTP ....Dmwf	504.00	269 <sup>95</sup>

**\$50 coupon - IC-P4AT until gone!**

IC-T41A 440 FM HT/batt/cgr/TTP .....	Dmwf	399.00 298 <sup>95</sup>
IC-T42A 440 FM HT/batt/cgr/TTP .....	384.00	299 <sup>95</sup>
IC-X21AT 440/1.2 FM HT/batt/cgr/TTP .....	900.00	759 <sup>95</sup>
IC-4GXAT uses same accessories as IC-2GXAT		
IC-P4AT uses same accessories as IC-P2AT		
IC-T41A uses same accessories as IC-T21A		
IC-T42A uses same accessories as IC-T22A		
IC-X21AT uses same accessories as IC-W21AT		

IC-475H 75w 430-450 FM/SSB/CW Xcvr .....	2300.00	1899 <sup>95</sup>
PS-55 Power supply .....	286.00	239 <sup>95</sup>
AG-35 Mast mounted preamp .....	182.00	164 <sup>95</sup>
CR-64 High stability oscillator crystal .....	125.00	114 <sup>95</sup>
FL-32A CW filter .....	101.00	99 <sup>95</sup>
UT-34 Tone squelch unit .....	75.00	
UT-36 Voice synthesizer .....	59.00	
RP-4020 25w 440 MHz FM repeater ....Dmwf	2637.00	1599
RP-4020/50w 50w 440 MHz FM repeater .....	3200.00	2649 <sup>95</sup>

Repeaters require service dept. set-up; \$68 minimum

### 1.2 GHz EQUIPMENT

RP-1220 10w 1.2 GHz FM repeater .....	3450.00	2849 <sup>95</sup>
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Repeaters require service dept. set-up; \$68 minimum

### ACCESSORIES FOR IC-901

MB-21 Bracket for controller unit .....	Δmv	\$ 21.00 16 <sup>95</sup>
MB-31 Mounting bkt for band units .....	Δmw	15.00 12 <sup>95</sup>
OPC-189 Fiber optic cbl 65' extension .....	Δm	83.00 69 <sup>95</sup>
OPC-243 30' DC cable .....	Δm	37.00 29 <sup>95</sup>
UT-48 DTMF encoder/decoder unit .....	Dmf	59.00 29 <sup>95</sup>
UX-S92A 2m SSB/CW module .....	Dm	679.00 179 <sup>95</sup>
UX-39A 25w 220 unit .....	Dm	516.00 199 <sup>95</sup>
AG-1200 1.2 GHz mast mounted preamp .....	151.00	139 <sup>95</sup>
TV-970 1.2 GHz ATV unit for 970 .....	Δwfv	561.00 299 <sup>95</sup>
UX-R96 Extended rcv unit; 970 <b>Special Order</b>		500.00 369 <sup>95</sup>
UX-97A 1.2 GHz module; 970 <b>Special Order</b>		1255.00 1049
UX-98 2.4 GHz module; 970 <b>Special Order</b>		2321.00 1899

### ACCESSORIES

CT-16 Satellite interface unit .....	\$128.00	116 <sup>95</sup>
CT-17 CI-V level converter .....	135.00	124 <sup>95</sup>
UX-14 CI-IV/CI-V converter for CT-17 .....		
99.00		
EX-309 Interface plug; 751/271/R71A .....	Δm	97.00 24 <sup>95</sup>
EX-310 Voice synthesizer .....	85.00	
EX-627 HF auto ant selector; 7 ants .....	Δmwf	410.00 279 <sup>95</sup>
HM-7 Amplified mobile mic, 8-pin .....	59.00	
HM-8 TTP microphone, 8-pin .....	Δmwf	105.00 79 <sup>95</sup>
HM-12 Scan hand microphone .....	59.00	
HM-14 Scan/TTP mic; 25A/H/28A/45A .....	90.00	
HS-15 Goose neck mobile microphone .....	Dmwf	54.00 14 <sup>95</sup>
MB-23 Side mount carrying handle .....	12.00	
OPC-047 24-pin optional acc cord .....	Δmwv	19.00 6 <sup>95</sup>
OPC-052 2-pin cord for PS-30 .....	Δv	12.00 4 <sup>95</sup>
OPC-053 4-pin cord for PS-30 .....	Δmv	12.00 4 <sup>95</sup>
OPC-137 24-pin adaptr cbl; all base .....	Dmwf	20.00 16 <sup>95</sup>
PS-45 Compact 8A power supply .....	Dm	133.33 119 <sup>95</sup>
PS-85 Power supply .....	325.00	279 <sup>95</sup>
SM-6 Electret desk microphone .....	102.00	99 <sup>95</sup>



## ICOM - continued

SM-8 2-connector desk mic w/up/down scan	160.00	144 <sup>95</sup>
SM-20 Stand mic for base stations	207.00	189 <sup>95</sup>
SP-3 External speaker	112.00	99 <sup>95</sup>
SP-5 Mobile speaker	43.00	
SP-7 Small external speaker	75.00	
SP-10 Slim-line external speaker	55.00	
SP-12 Slim-line speaker w/visor clip	35.00	
SP-20 Speaker w/audio filter	248.00	219 <sup>95</sup>
GP-22 GPS unit w/OPK-4 antenna kit	500.00	429 <sup>95</sup>

## INNOVA (INN)

06-9509 AC/DC adapter for 06-1101	.....Δmf	\$ 13.62	6 <sup>95</sup>
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## INTERFLEX (INT)

dspGOLD Software for AEA DSP-2232	.....f	\$129.95	
KaGOLD DualPort Software for KPC/KAM	.....f	79.95	
KaGOLD DualPort w/Pactor Soft; KPC/KAM	.....f	99.95	
PkGOLD Enhanced Software; PK-88/232	.....Δf	79.95	59 <sup>95</sup>
PkGOLD w/Pactor Software for PK-232MBX	.....f	99.95	
PkGOLD/900 Software for PK-900	.....f	129.95	

## JPS (JPS)

ANC-4 Antenna noise canceller	.....	\$175.00	169 <sup>95</sup>
NF-60 Auto DSP audio spectral notch filter	...	160.00	149 <sup>95</sup>
NIR-10 Dlx noise/notch DSP bandpass filter	...	299.95	279 <sup>95</sup>
NIR-12 Dual DSP noise reduction/filter unit	...	349.95	329 <sup>95</sup>
NRF-7 Noise reducer and filter unit	.....	219.95	199 <sup>95</sup>
NTR-1 Wide band noise and tone remover	.....	169.95	159 <sup>95</sup>
SSTV-1 DSP slow scanTV filter	.....m	160.00	149 <sup>95</sup>
Power Pack 115vac/12vdc adapter	.....	16.00	

## JSC (JSC)

### ROTOR CABLE

JRR-420 4-wire; U-105/U-110	.....Δw, per ft.	14¢	
JRR-420	.....Δw, 100 ft. Roll	12 <sup>95</sup>	
JRR-420	.....Δw, 500 ft. Roll	44 <sup>95</sup>	
JRR-520 5-wire; AR-40	.....Δmw, per ft.	17¢	
JRR-520	.....Δmw, 100 ft. Roll	14 <sup>95</sup>	
JRR-520	.....Δmw, 500 ft. Roll	49 <sup>95</sup>	
JRR-520	.....Δmw, 1000 ft. Roll	89 <sup>95</sup>	

### COAX ASSEMBLIES w/PL-259s

JFB-58-12LP 12' RG-58U, PL-259 - lugs	.....Dwf	\$ 6.99	99¢
JFB-58-20LP 20' RG-58U, PL-259 to lugs	.....Dm	8.49	2 <sup>95</sup>

## K-COM (KCO)

RF-1 Modular telephone RFI filter	.....	\$ 16.95	
RF-1/2-line Two-line modular RFI filter	.....	22.95	
RF-1/coiled Coiled cord modular RFI filter	.....	22.95	
RF-2 Hard-wired telephone RFI filter	.....	10.95	

## KLM (KLM)

### ANTENNAS

160V 160, 80 or 40m vertical, 24' high	.....*	\$294.80	229 <sup>95</sup>
80M-1 80m rotatable dipole, 90' long	.....*T	966.90	749 <sup>95</sup>
80M-1R 80m rotatable dipole w/relays	.....*T	1358.50	1069
80M-2 80m 2 el beam, 36' boom, 4 db	.....*T	3184.50	2499
80M-2R 80m 2 el beam w/relays	.....*T	3939.10	3099
80M-3 80m 3 el beam, 60' boom, 7 db	.....*T	4792.00	4169
80M-3R 80m 3 el beam w/relays	.....*T	6285.40	5299
SSV-80-40-15 80/40/15m vert, 65' high	.....*T	946.00	749 <sup>95</sup>
6-12-8LPA 6-12 MHz 8el LP, 36' boom	.....*T	2414.00	1899
Heavy duty boom only for 6-12-8LPA	.....*T	490.00	419 <sup>95</sup>
6-12-8LPA w/Heavy duty boom	.....*T	2606.00	2199
6-30-15LPA 6-30 MHz 15el LP, 46' boom	.....*T	3992.00	3099
7.2/10-30-LPA 7,10-30MHz 8 el, 42' bm	.....*T	1325.00	1129
Heavy duty boom only for 7.2/10-30-LPA	.....*T	454.00	389 <sup>95</sup>
7.2/10-30-LPA w/Heavy duty boom	.....*T	1747.00	1479
40M-1B 40m rotatable dipole, 46.5' boom	.....*	255.20	199 <sup>95</sup>
40M-2B 40m 2 el beam, 16' boom, 4.9 db	.....*	625.90	499 <sup>95</sup>
40M-3B 40m 3 el beam, 32' boom, 6.5 db	.....*	855.80	699 <sup>95</sup>
Heavy duty boom only for 40M-3B	.....*T	336.00	289 <sup>95</sup>
40M-3B w/Heavy duty boom	.....*T	1104.40	929 <sup>95</sup>
40M-4B 40m 4 el beam, 42' boom, 7.2 db	.....*	1186.90	929 <sup>95</sup>
Heavy duty boom only for 40M-4B	.....*T	454.00	389 <sup>95</sup>
40M-4B w/Heavy duty boom	.....*T	1559.80	1299
40-10V 40/20/15/10m 26.5' vertical	.....†m	365.20	249 <sup>95</sup>
10-30-7LPA 10-30MHz 7el LP, 30' bm, 7db	.....*T	1124.00	879 <sup>95</sup>
Heavy duty boom only for 10-30-7LPA	.....*T	443.00	369 <sup>95</sup>
10-30-7LPA w/Heavy duty boom	.....*T	1489.00	1199

## KLM - continued

SK-8 Conv kit for 10-30 log w/o 40m dipole	.....*T	303.00	259 <sup>95</sup>
SK-8/40M Conv kit for 10-30 log w/40m dipole	.....*T	456.00	389 <sup>95</sup>
KT-31 20-15-10m 24.5' rotatable dipole †wfv	.....	310.20	179 <sup>95</sup>
KT-34A 20-15-10m, 4 el, 16' boom, 7 db	.....	616.00	529 <sup>95</sup>
KT-34 Upgrade kit - KT-34A to XA	.....†v	326.70	249 <sup>95</sup>
KT-34XA 20-15-10m, 6 el, 32' boom, 9 db	.....	884.40	749 <sup>95</sup>
Heavy duty boom only for KT-34XA	.....*T	341.00	289 <sup>95</sup>
KT-34XA w/Heavy duty boom	.....*T	1095.60	929 <sup>95</sup>
20M-4 20m 4 el beam, 21' boom, 7.7 db	.....*T	530.20	419 <sup>95</sup>
20M-5 20m 5 el beam, 42' boom, 9.7 db	.....*T	820.60	649 <sup>95</sup>
Heavy duty boom only for 20M-5	.....*T	454.00	389 <sup>95</sup>
20M-5 w/Heavy duty boom	.....*T	1224.30	959 <sup>95</sup>
20M-6 20m 6 el beam, 57' boom, 11 db	.....*T	1180.30	929 <sup>95</sup>
Heavy duty boom only for 20M-6	.....*T	600.00	509 <sup>95</sup>
20M-6 w/Heavy duty boom	.....*T	1590.60	1349
20-30-6LPA 20-30MHz, 6el LP, 19'bm, 7db	.....*T	383.00	299 <sup>95</sup>
17M-3 17m 3el beam, 16.75'bm, 6.5db †Tm	.....	471.90	299 <sup>95</sup>
15M-4 15m 4 el beam, 14' boom, 7.7db	.....*T	281.60	224 <sup>95</sup>
15M-6 15m 6 el beam, 36' boom, 10.5db	.....*T	663.30	519 <sup>95</sup>
Heavy duty boom only for 15M-6	.....*T	369.00	319 <sup>95</sup>
15M-6 w/Heavy duty boom	.....*T	899.80	759 <sup>95</sup>
15M-6LD As 15M-6, but light duty	.....*T	498.30	399 <sup>95</sup>
12-17-30D WARC tri-band dipole	.....*	310.20	269 <sup>95</sup>
12-17-30V WARC tri-band vertical	.....*	162.80	149 <sup>95</sup>
10M-4 10m 4 el beam, 10'bm, 7.7 db	.....*T	257.40	199 <sup>95</sup>
10M-6 10m 6 el beam, 27.5' boom, 11 db	.....*T	405.90	329 <sup>95</sup>
JV-10 10m 26' vertical antenna	.....†wf	119.00	79 <sup>95</sup>

**Note:** All KLM antennas supplied with a KLM balun/matching system, which is included in the price.

6M-5 6m 5 el beam, 11.75' boom, 9.7 db	.....	255.20	219 <sup>95</sup>
6M-7LB 6m 7el, 25.75'bm, 11.5db	.....†Tmv	371.80	249 <sup>95</sup>
6M-7LD 6m 7 el beam, 20' boom, 10.5 db	.....	293.70	239 <sup>95</sup>
6M-10 6m 10 el beam, 34' boom, 11.7 db	.....*T	493.90	419 <sup>95</sup>
6M-14 6m 14 el beam, 61' boom, 14 db	.....*T	685.30	579 <sup>95</sup>
JV-6 6m 15' vertical antenna, 3 db	.....	126.00	109 <sup>95</sup>
2M-4X 2m 4 el rear mt beam, 4.2'bm, 8.5db	.....	79.20	69 <sup>95</sup>
2M-8 2m 8 el beam, 7.25' boom, 10.3 db	.....	124.30	109 <sup>95</sup>
2M-11X 2m 11 el beam, 15.33'bm, 12.5 db	.....	106.70	94 <sup>95</sup>
2M-13LBA 2m 13 el beam, 21.5'bm, 13.3db	.....	121.00	104 <sup>95</sup>
2M-14C 2m circ 14 el beam, 12.9'bm, 11db	.....	206.80	179 <sup>95</sup>
2M-16LBXM 2m 16 el beam, 28' boom, 14.5db	.....	235.00	199 <sup>95</sup>
2M-20LBX 2m 20 el beam, 38.5' boom	.....	286.00	259 <sup>95</sup>
2M-22C 2m circ 22 el beam, 19'bm, 13 db	.....	256.00	229 <sup>95</sup>
JV-2 2m 5' vertical antenna, 3 db	.....	129.00	109 <sup>95</sup>
JV-2X 2m 11' vertical antenna, 5 db	.....	176.00	149 <sup>95</sup>
220-7 220 7 el beam, 4.75'bm, 8.8 db	.....	95.70	84 <sup>95</sup>
220-14X 220 14 el beam, 14.5'bm, 13.5db	.....	138.60	119 <sup>95</sup>
220-22LBX 220 22el beam, 29.75'bm, 15.6db	.....	174.90	139 <sup>95</sup>
JV-220X 220 7' vertical ant, 5 db	.....†mwcv	163.00	89 <sup>95</sup>
432-20LBX 432 20 el beam, 12.33'bm, 15.3db	.....	184.80	149 <sup>95</sup>
432-30LBX 432 30 el beam, 22'bm, 17.3db	.....	216.70	179 <sup>95</sup>
435-18C 432 circ 18 el beam, 7'bm, 12 db	.....	257.00	219 <sup>95</sup>
435-40CX 432 circ 40 el beam, 14.5'bm, 15.2db	.....	278.00	259 <sup>95</sup>
440-6X 440 6 el beam, 2.33' boom, 8.9 db	.....	63.00	56 <sup>95</sup>
440-10X 440 10 el beam, 5.33'bm, 11.2 db	.....	76.00	69 <sup>95</sup>
440-16X 440 16 el beam, 10.33'bm, 14.2db	.....	139.00	119 <sup>95</sup>
1.2-15LBX 1.2 GHz 15 el beam	.....	115.50	104 <sup>95</sup>
1.2-24LBX 1.2 GHz 24 el beam	.....	139.70	119 <sup>95</sup>
1.2-44LBX 1.2GHz 44el beam, 12'bm, 18.2db	.....	194.70	169 <sup>95</sup>
CS-2 Extra 432 ant circularity switch	.....	80.00	

### FIBERGLASS MASTS

5' 1/2" OD fiberglass mast	.....	\$ 40.00	29 <sup>95</sup>
7' 1/2" 1 1/2" OD fiberglass mast	.....	50.00	44 <sup>95</sup>

### COUPLERS/POWER DIVIDERS

440-2N 432 MHz - for 2 ants, w/type N	.....	\$ 75.00	
440-4N 432 MHz - for 4 ants, w/type N	.....	90.00	84 <sup>95</sup>

### FERRITE BALUNS

3-60-1:1 3-60 MHz 4kw PEP 1:1 balun	.....	\$ 54.00	
3-60-4:1 3-60 MHz 5kw PEP 4:1 balun	.....	66.00	
50-150-1:1 50-150MHz 500w PEP 1:1 bln	.....Dmw	56.00	19 <sup>95</sup>

\*These antennas are drop-shipped (shipped direct to you from the KLM factory). On these factory drop-shippments we prefer payment in full with order, however, we will accept your credit card with the understanding that we will process the charge when we order the merchandise from the factory. This means that you may be billed before you receive your drop-shipped merchandise. Shipment is FOB Monroe, Washington via truck, COD for freight charges only. Freight charges will be collected upon delivery by the carrier. Please allow sufficient time for delivery on these special order antennas.

## KANTRONICS (KAN)

Data Engine TNC w/no modems	.....	\$319.95	299 <sup>95</sup>
Data Engine w/DE-1200 modem	.....	389.95	359 <sup>95</sup>
DE-1200 1200 baud modem	.....	89.95	
DE-19K2/9K6 19,200/9600 baud modem	.....	109.95	
Host Master II Plus IBM software; Data Eng	.....	79.95	
KPC-2 Packet Communicator II controller	.....Dmv	179.95	149 <sup>95</sup>
KPC-3 Small packet TNC w/32K RAM	.....	119.95	
KPC-3/128K Small packet TNC w/128K RAM	.....	144.95	139 <sup>95</sup>
KPC-9612 9600 baud controller/32K mem	.....	229.95	209 <sup>95</sup>
128K 128K memory upgrade; KPC-3/9612	.....	24.95	
KPC-9612/128K 9600 controller/128K mem	.....	259.95	239 <sup>95</sup>
KAM Plus All Mode Communicator	.....	339.95	299 <sup>95</sup>
12VDC Adaptor 300ma adapt; KAM Plus/KPC3	.....	9.95	
Host Master 64 Software; C-64/128	.....Dv	69.95	59 <sup>95</sup>
Host Master II+ IBM software	.....	79.95	
Host Master Mac Macintosh software	.....	79.95	
Pactor Eeprom option; KAM (pre-V5)	.....Dmv	79.95	49 <sup>95</sup>
Pactor Eeprom option; KAM (version 5)	.....Dm	59.95	39 <sup>95</sup>
Package 1 Enhancement board; KAM w/8.0E	.....	109.95	
Package 2 8.0E upgrade; KAM enhance brd	.....	29.95	
Package 3 8.0P upgrade; KAM Plus	.....	29.95	
Superfax II WX FAX program for IBM	.....	49.95	
KPC-4 Dual port VHF packet communicator Dm	.....	259.95	239 <sup>95</sup>
PC Combo Software for IBM	.....Dmfv	49.95	6 <sup>95</sup>
64/128 Combo Software for C-64/128	.....Dm	49.95	6 <sup>95</sup>
APRS adapter cable; GPS to Kantronics TNC	.....	29.95	
G-TOR Book	.....	19.95	
KTU Weathernode rem WX unit w/temp	.....Dv	249.95	229 <sup>95</sup>

## KENWOOD (KEN)

TS-950SDX Dlx Xcvr w/keyer/DSP/filters	.....	5299.95	4199 <sup>95</sup>
DRU-2 Digital recording unit	.....	149.95	139 <sup>95</sup>
IF-232C Level translator	.....	129.95	119 <sup>95</sup>
MC-43S Extra 8-pin hand mic w/up-down	.....	59.95	
MC-60A 8-pin amp desk mic w/up-down	.....	159.95	149 <sup>95</sup>
MC-80 8-pin electret desk mic w/up-down	.....	119.95	109 <sup>95</sup>
MC-90 2-head DSP desk microphone	.....	269.95	239 <sup>95</sup>
SM-230 Station monitor w/pan display	.....	1199.95	1039
SP-950 External spkr w/audio filters	.....	159.95	149 <sup>95</sup>
VS-2 Voice synthesizer	.....	69.95	
YG-455CN-1 250 Hz CW filter (2nd IF)	.....	179.95	164 <sup>95</sup>
YK-88CN-1 270 Hz CW filter (1st IF)	.....	139.95	129 <sup>95</sup>
YK-88SN-1 1.8 KHz SSB filter (1st IF)	.....	139.95	129 <sup>95</sup>
TS-870S 9-band Xcvr/SW Rcvr/IF-DSP/tuner	.....	3199.95	2679 <sup>95</sup>
DRU-3 Digital recording unit	.....	139.95	129 <sup>95</sup>
MC-43S Extra 8-pin hand mic w/up-down	.....	59.95	
MC-60A 8-pin amp desk mic w/up-down	.....	159.95	149 <sup>95</sup>
MC-80 8-pin electret desk mic w/up-down	.....	119.95	109 <sup>95</sup>
MC-90 2-head DSP desk microphone	.....	269.95	239 <sup>95</sup>
PS-52 Heavy duty power supply	.....	309.95	269 <sup>95</sup>
SM-230 Station monitor w/pan display	.....	1199.95	1039
SO-2 TCXO unit	.....	189.95	179 <sup>95</sup>
SP-31 External speaker	.....	99.95	
VS-2 Voice synthesizer	.....	69.95	
TS-850S 9-band Xcvr/1-30 MHz Rcvr/mic	.....	1999.95	1599 <sup>95</sup>

**\$75 Coupon - TS-850S thru 4/30/96**

AT-850 Internal auto antenna tuner	.....	279.95	249 <sup>95</sup>
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**\$75 Coupon - TS-850S/AT thru 4/30/96**

<b>\$75 Coupon – TS-850S/AT thru 4/30/96</b>			
<b>AT-300</b>	External auto antenna tuner .....	699.95	<b>609<sup>95</sup></b>
<b>DRU-2</b>	Digital recording unit .....	149.95	<b>139<sup>95</sup></b>
<b>IF-232C</b>	Level translator .....	129.95	<b>119<sup>95</sup></b>
<b>MC-43S</b>	Extra 8-pin hand mic w/up-down ..	59.95	
<b>MC-60A</b>	8-pin amp desk mic w/up-down ...	159.95	<b>149<sup>95</sup></b>
<b>MC-80</b>	8-pin electret desk mic w/up-down .	119.95	<b>109<sup>95</sup></b>
<b>MC-90</b>	2-head DSP desk microphone .....	269.95	<b>239<sup>95</sup></b>
<b>PG-2X</b>	Heavy duty DC cable .....Dmwf	37.95	
<b>PG-2Z</b>	Heavy duty DC cable .....	37.95	



# KENWOOD - continued

Reg Sale

PS-52 Heavy duty power supply .....	309.95	269 <sup>95</sup>
RM-1 Remote control unit .....	59.95	
SM-230 Station monitor w/pan display .....	1199.95	1039
SO-2 TCXO unit .....	189.95	179 <sup>95</sup>
SP-31 External speaker .....	99.95	
VS-2 Voice synthesizer .....	69.95	
YG-455C-1 500 Hz CW filter (2nd IF) .....	169.95	159 <sup>95</sup>
YG-455CN-1 250 Hz CW filter (2nd IF) .....	179.95	164 <sup>95</sup>
YK-88C-1 500 Hz CW filter (1st IF) .....	139.95	129 <sup>95</sup>
YK-88CN-1 270 Hz CW filter (1st IF) .....	139.95	129 <sup>95</sup>
YK-88SN-1 1.8 KHz SSB filter (1st IF) .....	139.95	129 <sup>95</sup>
TS-450S 9-band Xcvr/SW Rcvr/mic .....	1469.95	1249 <sup>95</sup>
\$50 Coupon - TS-450S thru 4/30/96		
TS-690S 9-band Xcvr w/6m/SW Rcvr/mic .....	1769.95	1499 <sup>95</sup>
AT-450 Internal 80-10m auto tuner .....	279.95	249 <sup>95</sup>
TS-450S/AT 9-band Xcvr/SW Rcvr/tuner/mic .....	1649.95	1349 <sup>95</sup>
\$50 Coupon - TS-450S/AT thru 4/30/96		
AT-50 External auto tuner .....	379.95	329 <sup>95</sup>
PG-4M 18' extension cable for AT-50 .....	29.95	
AT-300 External auto antenna tuner .....	699.95	609 <sup>95</sup>
IF-232C Level translator .....	129.95	119 <sup>95</sup>
MB-430 Mobile mounting bracket .....	49.95	
MC-43S Extra 8-pin hand mic w/up-down ..	59.95	
MC-60A 8-pin amp desk mic w/up-down ..	159.95	149 <sup>95</sup>
MC-80 8-pin electret desk mic w/up-down ..	119.95	109 <sup>95</sup>
MC-90 2-head DSP desk microphone .....	269.95	239 <sup>95</sup>
PG-2X Heavy duty DC cable .....	37.95	
PG-2Z Heavy duty DC cable .....	37.95	
PS-33 Light duty 20.5A power supply .....	239.95	209 <sup>95</sup>
PS-53 Heavy duty 22.5A power supply .....	289.95	249 <sup>95</sup>
SO-2 TCXO unit .....	189.95	179 <sup>95</sup>
SP-23 External speaker .....	89.95	
TU-8 CTCSS tone unit .....	54.95	
VS-2 Voice synthesizer .....	69.95	
YG-455C-1 500 Hz CW filter (2nd IF) .....	169.95	159 <sup>95</sup>
YG-455CN-1 250 Hz CW filter (2nd IF) .....	179.95	164 <sup>95</sup>
YK-88C-1 500 Hz CW filter (1st IF) .....	139.95	129 <sup>95</sup>
YK-88CN-1 270 Hz CW filter (1st IF) .....	139.95	129 <sup>95</sup>
YK-88S-1 2.4 KHz SSB filter (1st IF) .....	139.95	129 <sup>95</sup>
YK-88SN-1 1.8 KHz SSB filter (1st IF) .....	139.95	129 <sup>95</sup>
YK-455C-1 500 Hz CW filter .....	114.95	109 <sup>95</sup>
TS-50S Compact HF Xcvr/SW Rcvr/mic/mt .....	1359.95	1069 <sup>95</sup>
\$50 Coupon - TS-50S thru 4/30/96		
TS-60S Compact 6m Xcvr/mic/mt .....	1239.95	1049 <sup>95</sup>
AT-50 External HF auto tuner .....	379.95	329 <sup>95</sup>
PG-4M 18' extension cable for AT-50 .....	29.95	
AT-300 External HF auto antenna tuner .....	699.95	609 <sup>95</sup>
IF-10D Computer interface .....	89.95	
IF-232C Level translator .....	129.95	119 <sup>95</sup>
MB-13 Deluxe quick release mtg bracket ..	55.95	
MC-47 Extra multi-func 8-pin hand mic ..	59.95	
MC-60A 8-pin amp desk mic w/up-down ..	159.95	149 <sup>95</sup>
MC-80 8-pin electret desk mic w/up-down ..	119.95	109 <sup>95</sup>
PG-2Y DC cable .....	39.95	
PS-33 Light duty 20.5A power supply .....	239.95	209 <sup>95</sup>
PS-53 Heavy duty 22.5A power supply .....	289.95	249 <sup>95</sup>
SO-2 TCXO unit .....	189.95	179 <sup>95</sup>
SP-23 External speaker .....	89.95	
TC-50/50Case Travel case for TS-50S/60S ..	89.00	
YK-107C 500 Hz CW filter .....	139.95	129 <sup>95</sup>
TS-140S Xcvr/5-30 MHz Rcvr/mic .....	1149.95	969 <sup>95</sup>
AT-50 External auto tuner .....	379.95	329 <sup>95</sup>
PG-4M 18' extension cable for AT-50 .....	29.95	
MB-430 Mobile mounting bracket .....	49.95	
MC-43S Extra 8-pin hand mic w/up-down ..	59.95	
MC-60A 8-pin amp desk mic w/up-down ..	159.95	149 <sup>95</sup>
MC-80 8-pin electret desk mic w/up-down ..	119.95	109 <sup>95</sup>
PG-2X Heavy duty DC cable .....	37.95	
PG-2Z Heavy duty DC cable .....	37.95	
PS-33 Light duty 20.5A power supply .....	239.95	209 <sup>95</sup>
SP-23 External speaker .....	89.95	

# KENWOOD - continued

Reg Sale

TU-8 CTCSS tone unit .....	54.95	
YG-455C-1 500 Hz CW filter .....	169.95	159 <sup>95</sup>
YK-455C-1 500 Hz CW filter .....	114.95	109 <sup>95</sup>
R-5000 100 KHz-30 MHz digital receiver .....	1249.95	1029 <sup>95</sup>
DCK-2 DC cable kit w/cig plug .....	14.95	
IC-10 IC kit for computer control .....	46.95	
IF-232C Level translator .....	129.95	119 <sup>95</sup>
MB-430 Mobile mounting bracket .....	49.95	
SP-23 External speaker .....	89.95	
VC-20 108-174 MHz VHF converter .....	229.95	199 <sup>95</sup>
YK-88A-1 AM filter .....	104.95	99 <sup>95</sup>
YK-88C 500 Hz CW filter .....	139.95	129 <sup>95</sup>
YK-88CN 270 Hz CW filter .....	104.95	99 <sup>95</sup>
YK-88SN 1.8 KHz SSB filter .....	139.95	129 <sup>95</sup>
HS-5 Deluxe headphones .....	79.95	
HS-6 Lightweight headphones .....	59.95	
LF-30A 1kw PEP low pass filter .....	64.95	
MA-5 5-band 200w PEP HF mobile antenna ..	189.95	174 <sup>95</sup>
VP-1 Hvy duty chrome spg, bpr mt for MA-5 ..	64.95	
MC-43S 8-pin hand mic w/up-down switch ..	59.95	
MC-60A 8-pin amp desk mic w/up-down .....	159.95	149 <sup>95</sup>
MC-80 8-pin electret desk mic w/up-down ..	119.95	109 <sup>95</sup>
MJ-48 4-pin mic to 8-pin Xcvr adapt .....	19.95	
MJ-64 6-pin mic to 4-pin Xcvr adapt .....	14.95	29 <sup>95</sup>
EC-10-1765-08 Adapt cord; MC-85 - 8-pin Xcvr	21.95	
PG-31A 8-pin phone patch .....	139.95	129 <sup>95</sup>
PG-3B 15A DC line noise filter .....	29.95	
PG-3G 25A DC line noise filter .....	51.95	
RCS-1 Radio Construction Set IBM soft .....	49.95	14 <sup>95</sup>
SP-41 Compact external speaker .....	49.95	
SP-50B High quality external mobile speaker ..	55.95	
SW-2100 1.8-30MHz 2kw SWR/power meter ..	174.95	159 <sup>95</sup>
TU-7 Prog encoder; TR-751A .....	54.95	
TM-255A 40w 2m SSB/FM Xcvr/9600 baud ..	1109.95	929 <sup>95</sup>
TM-455A 35w 430-440 SSB/FM/9600 .....	1279.95	598 <sup>95</sup>
DFK-3 9' separate display cable kit .....	26.95	
DFK-4 13' remote cable kit .....	59.95	
DFK-7A Deluxe 22' remote cable kit .....	99.95	
PG-5A Packet data cable .....	15.95	
TSU-8 CTCSS decoder .....	59.95	
TS-790A 45w 2m/40w 440 SSB/FM Xcvr/mic ..	2199.95	1849 <sup>95</sup>
IF-232C Level translator .....	129.95	119 <sup>95</sup>
MC-43S Extra 8-pin hand mic w/up-down ..	59.95	
MC-60A 8-pin amp desk mic w/up-down ..	159.95	149 <sup>95</sup>
MC-80 8-pin electret desk mic w/up-down ..	119.95	109 <sup>95</sup>
PG-2X Heavy duty DC cable .....	37.95	
PG-2Z Heavy duty DC cable .....	37.95	
PS-31 Power supply .....	219.95	169 <sup>95</sup>
SP-31 External speaker .....	99.95	
TSU-5 Programmable CTCSS decoder .....	64.95	
UT-10 10w 1.2 GHz module .....	629.95	539 <sup>95</sup>
VS-2 Voice synthesizer .....	69.95	
TM-642A 2m/220 FM Xcvr w/TTP .....	959.95	819 <sup>95</sup>
TM-742A 50/35w 2m/440 FM Xcvr w/TTP .....	949.95	729 <sup>95</sup>
\$50 Coupon - TM-742A thru 4/30/96		
TM-942A 50/35/10w 2m/440/1.2 FM/TTP .....	1309.95	1099 <sup>95</sup>
DFK-3 9' separate display cable kit .....	26.95	
DFK-4 13' remote cable kit .....	59.95	
DFK-7 Deluxe 22' remote cable kit .....	89.95	
MJ-88 Modular to 8-pin mic adapter .....	30.95	
MJ-89 Modular mic switch .....	69.95	
TSU-7 CTCSS decoder unit .....	59.95	
UT-28S 50w 10m unit .....	339.95	169 <sup>95</sup>
UT-50S 50w 6m unit .....	379.95	329 <sup>95</sup>
UT-220S 25w 220 MHz unit .....	379.95	329 <sup>95</sup>
UT-440S 35w 440 MHz unit .....	339.95	299 <sup>95</sup>
UT-1200 10w 1.2 GHz unit .....	459.95	399 <sup>95</sup>
TM-733A 50/35w 2m/440 FM Xcvr/TTP/9600 ..	799.95	619 <sup>95</sup>
\$75 Coupon - TM-733A thru 4/30/96		
TM-733AHKBLD 2m/440/backlit/9600/dplx ..	829.95	659 <sup>95</sup>
\$75 Coupon - TM-733AHKBLD thru 4/30/96		
DFK-3B 9' separate display cable kit .....	39.95	
DFK-4B 13' remote cable kit .....	60.95	
DFK-7B Deluxe 22' remote cable kit .....	99.95	
PG-5A Packet data cable .....	15.95	
TSU-8 CTCSS decoder .....	59.95	
MA-700 3db 2m/5.5db 440 ant w/duplexer ..	109.95	99 <sup>95</sup>
Larsen PO-K Roof mt, coax; MA-700 .....	24.00	

# KENWOOD - continued

Reg Sale

Larsen PO-MM Magnet mt, coax; MA-700 ..	31.70	
Larsen PO-TLM Trunk lip mt, coax; MA-700 ..	27.30	
TM-241A 50w 2m FM Xcvr w/TTP mic .....	459.95	334 <sup>95</sup>
\$65 Coupon - TM-241A thru 4/30/96		
TM-241AHK2L 50w 2m FM/backlit TTP mic ..	479.95	359 <sup>95</sup>
\$65 Coupon - TM-241AHK2L thru 4/30/96		
TM-331A 25w 220 FM Xcvr w/TTP mic .....	579.95	499 <sup>95</sup>
TM-441A 35w 440 FM Xcvr w/TTP mic .....	579.95	499 <sup>95</sup>
DTU-2 Digital paging unit .....	32.95	
KQT-8/TSU-6 Prog CTCSS decoder .....	49.95	
MC-44DM Extra multi-function TTP mic .....	79.95	
TM-251A 50w 2m FM Xcvr/TTP/9600 baud ..	529.95	319 <sup>95</sup>
TM-451A 35w 440 FM Xcvr/TTP/9600 baud ..	599.95	499 <sup>95</sup>
MC-45DM Extra multi-function TTP mic .....	79.95	
ME-1 Memory expansion .....	39.95	
PG-5A Packet data cable .....	15.95	
TSU-8 CTCSS decoder .....	59.95	
MC-48B Up-down 8-pin TTP mic .....	89.95	
MC-52DM Back-lit TTP mic;241/331/441/541 ..	79.95	59 <sup>95</sup>
MC-53DM Back-lit TTP mic;251/733/742/255 ..	79.95	59 <sup>95</sup>
Accessory: TH-A/B/2600A/3600A/2500/3500		
RA-9B 220 BNC stubby duck .....	\$ 18.95	1 <sup>95</sup>
Accessory for TH-225A/315A/415A/205AT		
SC-27 Soft case for TH-225A w/PB-12 .....	\$ 19.50	49 <sup>95</sup>
Accessories for TH-75A/77A/25AT/26AT		
BT-6 6-AA battery case .....	\$ 29.95	
DC-1 DC adapter .....	26.95	69 <sup>95</sup>
PG-3E Cig cord w/filter for DC-1 .....	35.95	
DC-4 Mobile charger for PB-10 .....	20.95	99 <sup>95</sup>
KNB-5A 800ma 7.2v battery .....	63.95	
KNB-6A 1600ma 7.2v (2.5/2w) battery .....	97.50	89 <sup>95</sup>
KNB-7A 800ma 12v (5w) batt (not 55AT) .....	87.95	
KQT-8/TSU-6 CTCSS encoder/decoder .....	49.95	
KVC-1/DC-5 Mobile cgr for PB-6/7/9 .....	33.95	6 <sup>95</sup>
KWR-1/WR-1 Water resistant bag .....	22.00	14 <sup>95</sup>
Accessories for TH-26AT/46AT		
SC-24 Soft case for PB-5/BT-7 .....	\$ 22.95	99 <sup>95</sup>
SC-26 Soft case for PB-7/8/9 .....	22.95	49 <sup>95</sup>
Accessory for TH-27A/47A		
SC-32 Soft case for PB-14 .....	\$ 21.95	2 <sup>95</sup>
TH-28A 2.5w 2m FM HT/batt/cgr/TTP .....	399.95	329 <sup>95</sup>
TH-48A 2w 440 FM HT/batt/cgr/TTP .....	469.95	409 <sup>95</sup>
Accessories for TH-28A/48A/78A		
BC-15A Rapid charger for PB-13/14/17/18 ..	\$119.95	109 <sup>95</sup>
BH-6 Swivel mount .....	39.95	
BT-8 AA alkaline battery case .....	29.95	
EMC-1 Lapel clip mic/ear piece .....	43.95	
HMC-2 VOX/boom mic headset .....	72.95	69 <sup>95</sup>
HMC-3 VOX/boom mic headset .....	72.95	
KLF-3/PG-3F Cig cord w/filter .....	23.50	
ME-1 Memory expansion .....	39.95	
PB-13 700ma 7.2v battery .....	67.95	
PB-14 300ma 12v (5w) battery .....	90.95	59 <sup>95</sup>
PB-17 700ma 12v (5w) battery .....	99.95	
PB-18 1100ma 7.2v battery .....	89.95	
PG-2W DC cable w/fuse .....	17.95	
PG-3H Cig lighter cord w/filter .....	36.95	
PG-3J Cig lighter cord w/filter .....	36.95	
SC-33 Small soft case; 28A/48A .....	24.95	
SC-34 Large soft case; 28A/48A .....	24.95	
SC-35 Regular soft case; 78A .....	24.95	
SC-36 Large soft case; 78A .....	24.95	
SMC-32 Mini water resistant rt angle sprk/mic ..	52.95	
SMC-33 Speaker/mic w/remote control .....	65.95	
SMC-34 Sprk/mic w/vol cont & function keys ..	67.95	
WR-2 Water resistant bag .....	29.95	
TH-22AT 3w 2m FM HT/batt/cgr/TTP .....	339.95	259 <sup>95</sup>
\$15 Coupon - TH-22AT thru 4/30/96		
TH-22ATH 5w 2m FM HT/batt/KSC-8A/TTP .....	369.95	289 <sup>95</sup>
\$15 Coupon - TH-22ATH thru 4/30/96		
TH-42AT 2.5w 440 FM HT/batt/cgr/TTP .....	399.95	339 <sup>95</sup>
TH-79A(D) 2.7w 2m/440 FM HT/batt/cgr/TTP ..	629.95	469 <sup>95</sup>
\$20 Coupon - TH-79A(D) thru 4/30/96		
TH-79A(D)H 5w 2m/440 FM HT/batt/cgr/TTP ..	649.95	489 <sup>95</sup>
\$20 Coupon - TH-79A(D)H thru 4/30/96		
BH-6 Swivel mount .....	39.95	
BT-9 4-AA battery holder .....	29.95	



Hi! I'm Dale, N9BRX...  
Milwaukee Store Manager  
**SATISFACTION IS MY CONCERN!**  
If you have a problem, call me  
at **1-800-558-0411**



## KENWOOD - continued

EMC-1 Lapel clip mic/ear piece .....	43.95	
HMC-3 VOX/boom mic headset .....	72.95	
KSC-8A Drop-in cgr; 25/26/75/77/22/79 ...	26.95	
KSC-14 2-pack rapid charger .....	87.95	
PB-32 600ma 6v battery .....	66.95	
PB-33 1200ma 6v battery .....	89.95	
PB-34 600ma 9.6v (5w) battery .....	89.95	
PG-2W DC cable w/fuse .....	17.95	
PG-3H Cig lighter cord w/filter .....	36.95	
RA-3 2m BNC 1/4 wave telescopic ant Dmwv	25.95	19 <sup>95</sup>
SC-37 Soft case; TH-22/42AT w/PB-30/32 ..	24.95	
SC-39 Soft case; TH-22/42AT w/PB-33/34 ..	24.95	
SC-41 Soft case; TH-79A w/PB-32 .....	24.95	
SC-43 Soft case; TH-79A w/PB-33/34 .....	24.95	
SMC-31 Speaker/mic/rt angle plug .....	59.95	
SMC-32 Mini water resist rt angle spkr/mic ...	52.95	
SMC-33 Speaker/mic w/remote control .....	65.95	
SMC-34 Spkr/mic w/vol cont/function keys ..	67.95	
TSU-8 CTCSS decoder; TH-22/42AT .....	59.95	
WR-2 Water resistant bag; TH-22/42AT .....	29.95	

## LARSEN (LAR)

<b>27-31 MHz ANTENNAS</b>		
NLA-27 10m ant only (no mount) .....	Dfv \$ 38.90	19 <sup>95</sup>
NMO-27C 10m ant only (no mount) .....	33.50	29 <sup>95</sup>
<b>47-54 MHz ANTENNAS</b>		
NMO-50C 6m ant only (no mount) .....	\$ 33.50	29 <sup>95</sup>
<b>144-174 MHz ANTENNAS</b>		
NMO-150B 2m black ant only (no mt), 3 db ..	\$ 33.20	29 <sup>95</sup>
NMO-150C 2m ant only (no mount), 3 db .....	30.70	27 <sup>95</sup>
OM-150-K 2m no gnd plane ant, 2 db .....	Dw 45.85	19 <sup>95</sup>
<b>220-265 MHz ANTENNAS</b>		
NLA-220 220 ant only (no mt), 3 db ....Dmwfv	\$ 36.35	16 <sup>95</sup>
NMO-220 220 ant only (no mt), 3 db .....	Dfv 31.10	19 <sup>95</sup>
NMO-220C 220 ant only (no mount), 3 db .....	30.00	26 <sup>95</sup>
OM-220-K 220 no gnd plane ant, 2 db .....	Dw 47.50	19 <sup>95</sup>
<b>440-460 MHz ANTENNAS</b>		
NLA-440 440 ant only (no mt), 5 db .....	Dfv \$ 34.85	16 <sup>95</sup>
NMO-440 440 ant only (no mt), 5 db ....Dmwv	28.15	19 <sup>95</sup>
NMO-440B 440 black ant only (no mt), 5 db ..	35.80	32 <sup>95</sup>
NMO-440C 440 ant only (no mount), 5 db .....	29.30	26 <sup>95</sup>
OM-440-K 440 no gnd plane ant, 2 db ....Dmf	52.15	12 <sup>95</sup>
MM-2/70 2m/440 1/4 wave/2db mag mt ant ...	42.00	37 <sup>95</sup>
NMO-2/70B 2m/440 blk ant only (no mt), 2/4db	53.00	47 <sup>95</sup>
NMO-2/70C 2m/440 ant (no mount), 2/4db ....	48.50	43 <sup>95</sup>
NMO-2/70-SH 2m/440 ant (no mt), 1/4 vv/2db	37.83	33 <sup>95</sup>
NMOQ-Spec 136-512 MHz 1/4 wave ant (no mt) ..	9.70	
NMOQ-Spec-B 136-512 black 1/4 vv ant (no mt)	13.20	
NMOQ-Spec-K 136-512MHz 1/4 vv 3/4" hole ant ..	23.20	
NMOQ-2/70-B 2m/440 1/4 vv cell look ant (no mt)	31.15	
NMO-1290B 1.2 GHz black ant only (no mt) ..	32.00	28 <sup>95</sup>
FB1-136 Base station 136-230 MHz ant .....	137.80	124 <sup>95</sup>
<b>ON GLASS ANTENNAS</b>		
KG-144-UD-PL 2m 3 db on glass antenna ....	\$ 67.30	60 <sup>95</sup>
KG-220-UD-PL 220 3 db on glass antenna ....	67.30	60 <sup>95</sup>

## LARSEN - continued

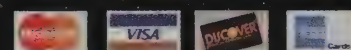
KG-440-PL 440 2.4 db on glass ant .....	Dw 49.15	29 <sup>95</sup>
KG-440-UD-PL 440 2.4 db on glass antenna ..	54.70	49 <sup>95</sup>
KG-2/70-UD-PL 2m/440 2.5/4.5db on glass ..	91.80	82 <sup>95</sup>
KG-Reinstall Reinstall kit for KG-ants .....	5.20	
<b>KULDUCKIES - For Hand-helds</b>		
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KD4-2/70 2m/440 BNC Kulduckie .....	27.70	
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KD4-445 440 short BNC Kulduckie .....	Δwv 17.30	6 <sup>95</sup>
KD14-445 440 1/4 wave BNC Kulduckie .....	17.30	
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KD14-2M-HW 2m 1/2 wave BNC antenna .....	33.80	
KD14-440-HW 440 1/2 wave BNC antenna .....	33.80	
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AD-2/70 100w 2m/440 duplexer .....	69.20	62 <sup>95</sup>
CRK NLA contact replacement kit .....	Δmw 2.00	99 <sup>¢</sup>
NLA-150-CO Extra coil for NLA-150 .....	Dm 28.85	14 <sup>95</sup>
NLA-220-CO Extra coil for NLA-220 .....	Dwv 27.15	6 <sup>95</sup>
NMO-150-CO Extra coil for NMO-150 .....	Dw 20.25	14 <sup>95</sup>
NMO-CAP Rain cap for NMO mount .....	Dm 3.25	2 <sup>95</sup>
NMO-CAP-B Black rain cap for NMO mount ...	3.30	
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NMO-TLP Low profile tnk lid mt, coax; NMO ant	26.50	
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TMB-34B Black trunk mtg bkt for NMO ant ...	6.80	
TMB-38B Black trunk mtg bkt for NLA .....	Δmf 6.80	1 <sup>95</sup>
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W-490B Black 49" whip .....	12.00	
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986 3kw PEP w/roller inductor .....	299.95	269 <sup>95</sup>
962C 1.5kw PEP/meter/switch/balun .....	249.95	229 <sup>95</sup>
949E/949EY 300w/meter/dummy/sw/balun/ps ..	139.95	129 <sup>95</sup>
948 300w/meter/switch/balun .....	129.95	119 <sup>95</sup>
941E 300w w/meter, switch, balun .....	109.95	99 <sup>95</sup>
945E 300w tuner w/meter .....	99.95	89 <sup>95</sup>
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924 440 MHz 300w PEP tuner/SWR/wattmeter ..	69.95	
934 300w tuner w/artificial ground .....	169.95	159 <sup>95</sup>
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498X Dlx CW keyboard w/disp, no keyboard ...	159.95	149 <sup>95</sup>
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490X 492 keyer for use w/Benchner or 564 .....	109.95	99 <sup>95</sup>
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1763	2m 3el portable beam	39.95	
1764	2 & 6m dual 3/4 super gain base ant	44.95	
1765	Direct feed pwr splitter/harness	29.95	9 <sup>95</sup>
1766	Stacked 2m dual 3/4 base antenna	109.95	99 <sup>95</sup>
1768	2m/440 beam antenna	69.95	
1778	G5RV 160-10m 102' ant (needs tuner)	29.95	
1780	14-30 MHz 150w 2' x 2' box loop ant	229.95	199 <sup>95</sup>
1782	Super Hi-Q 10-30MHz loop/basic control	269.95	239 <sup>95</sup>
1786	Super Hi-Q 10-30MHz loop/dlx control	299.95	269 <sup>95</sup>
1312B	12vdc 300ma adapter; 1782/1786	12.95	
1792	80/40m 33' vertical antenna	159.95	139 <sup>95</sup>
1793	80/40/20m vertical antenna	179.95	159 <sup>95</sup>
1796	40/20/15/10/6/2m 10' vertical ant	199.95	179 <sup>95</sup>
1798	80/40/30/20/17/15/12/10/6/2m 20' vert	269.95	249 <sup>95</sup>
1824BB	Cell look alike BNC scanner ant	19.95	
1824BM	Cell look Motorola plug scanner ant	19.95	
1828B	Magnet mt BNC scanner antenna	29.95	
1828M	Mag mt Motorola plug scanner ant	29.95	
1864	Base scanner antenna w/preamp	79.95	69 <sup>95</sup>
2040	Repeater controller	449.95	229 <sup>95</sup>
3036	The Packet Radio Operators book	12.95	
3101	Fox Hunt Adventure book	7.95	
3210	Novice license guide	7.95	
3211	Tech Plus license guide	7.95	
3212	No code tech license guide	14.95	



## MFJ - continued

3213	General license guide .....	7.95	
3214	Advanced license guide .....	7.95	
3215	Extra license guide .....	7.95	
3301	Troubleshooting Antenna & Feedlines book .....	12.95	
3302	73 Dipole and Long-Wire Antennas .....	12.95	
3303	73 Vertical, Beam, and Triangle Ants ....	12.95	
3304	Technician Antenna Handbook ....Dmww	9.95	6 <sup>95</sup>
3502	Solid State QRP Projects .....	12.95	
3504	FET Principles, Experiments & Projects ..	16.95	
5024	MFJ TNC - Ico/Yae/Al/RS HT cable .....	14.95	
5024X	PK-232 - Ico/Yae/Al/RS HT cable .....	14.95	
5024YV	KAM VHF/KPC3 - Ico/Yae/Al/RS HT cbl	14.95	
5024Z	PK-88 - Ico/Yae/Al/RS HT cable .....	14.95	
5026	MFJ TNC - Kenwood HT cable .....	14.95	
5026X	PK-232 - Kenwood HT cable .....	14.95	
5026YV	KAM VHF/KPC3 - Kenwood HT cable ..	14.95	
5026Z	PK-88 - Kenwood HT cable .....	14.95	
5080	MFJ TNC - Yaesu 8-pin cable .....	14.95	
5080M	MFJ TNC - Yaesu 8-pin modular .....	14.95	
5080MX	PK-232 - Yaesu 8-pin modular .....	14.95	
5080MYV	KAM VHF/KPC3 - Yaesu 8-pin mod ..	14.95	
5080MZ	PK-88 - Yaesu 8-pin modular .....	14.95	
5080X	PK-232 - Yaesu 8-pin cable .....	14.95	
5080YH	KAM HF port - Yaesu 8-pin cable .....	14.95	
5080YV	KAM VHF/KPC3 - Yaesu 8-pin cable ..	14.95	
5080Z	PK-88 - Yaesu 8-pin cable .....	14.95	
5082	Open end - 8-pin mic cable .....	9.95	
5084	MFJ TNC - Icom 8-pin cable .....	14.95	
5084M	MFJ TNC - Icom 8-pin modular .....	14.95	
5084MX	PK-232 - Icom 8-pin modular .....	14.95	
5084MYV	KAM VHF/KPC3 - Icom 8-pin mod ..	14.95	
5084MZ	PK-88 - Icom 8-pin modular .....	14.95	
5084X	PK-232 - Icom 8-pin cable .....	14.95	
5084YH	KAM HF port - Icom 8-pin cable .....	14.95	
5084YV	KAM VHF/KPC3 - Icom 8-pin cable ....	14.95	
5084Z	PK-88 - Icom 8-pin cable .....	14.95	
5086	MFJ TNC - Kenwood/Alinco 8-pin cable ..	14.95	
5086M	MFJ TNC - Kenwood 8-pin modular .....	14.95	
5086MX	PK-232 - Kenwood 8-pin modular .....	14.95	
5086MYV	KAM VHF/KPC3 - Ken 8-pin mod .....	14.95	
5086MZ	PK-88 - Kenwood 8-pin modular .....	14.95	
5086X	PK-232 - Kenwood/Alinco 8-pin cable ..	14.95	
5086YH	KAM HF port - Ken/Al/RS 8-pin cable ..	14.95	
5086YV	KAM VHF/KPC3 - Ken/Al/RS 8-pin cable ..	14.95	
5086Z	PK-88 - Kenwood/Alinco 8-pin cable ..	14.95	
5205	5-pin DIN open end cable .....	4.95	
5215	5-pin DIN patch cable .....	9.95	
5222	Open end - Alinco split HT cable .....	9.95	
5224	Open end - Ico/Yae/Al/RS HT cable .....	9.95	
5226	Open end - Kenwood HT cable .....	9.95	
5268	Open end - modular phone plug cable ..	9.95	
5412	IBM printer cable .....	9.95	
5413	RS-232 cable DB-25M-252 .....	9.95	
5414	RS-232 cable DB-25M-9F2 .....	9.95	
5803/10	3' coax jumper cable .....	4.95	
8100K	Shortwave regenerative Rcvr kit .....	59.95	
8100W	Shortwave regenerative Rcvr wired ...	79.95	72 <sup>95</sup>
8400K	2m receiver kit .....	79.95	72 <sup>95</sup>
8400W	2m receiver wired .....	99.95	89 <sup>95</sup>
8621	VHF data radio w/145.01 MHz .....	119.95	109 <sup>95</sup>
8621X1	APRS ready VHF data radio/145.79MHz	139.95	129 <sup>95</sup>
4110	Portable AC power supply .....	39.95	
5100	Data radio cable - MFJ/TAPR .....	14.95	
5100X	Data radio cable - PK-232 .....	14.95	
5100YH	Data radio cable - KPC-9612 .....	14.95	
5100YV	Data radio cable - KAM/KPC-3 .....	14.95	
5100Z	Data radio cable - PK-88 .....	14.95	
9015	5w 15m CW Xcvr .....	189.95	169 <sup>95</sup>
9017	5w 17m CW Xcvr .....	189.95	169 <sup>95</sup>
9020	5w 20m CW Xcvr .....	189.95	169 <sup>95</sup>
9030	5w 30m CW Xcvr .....	189.95	169 <sup>95</sup>
9040	5w 40m CW Xcvr .....	189.95	169 <sup>95</sup>
27	Handle for CW station .....	4.95	
412	Plug-in Curtis keyer .....	39.95	
726	Plug-in audio filter .....	29.95	
971	200w portable ant tuner w/meter .....	89.95	84 <sup>95</sup>
1770	Portable 15m dipole .....	34.95	
1771	Portable 17m dipole .....	34.95	

## Reg Sale

## MFJ - continued

1772	Portable 20m dipole .....	34.95	
1773	Portable 30m dipole .....	34.95	
1774	Portable 40m dipole .....	34.95	
4112	Portable power pack .....	49.95	
4114	Rechargeable power pack .....	69.95	64 <sup>95</sup>
9115B	9015 Xcvr/971 tuner/4114 ps/1770 ant ..	339.80	299 <sup>95</sup>
9117B	9017 Xcvr/971 tuner/4114 ps/1771 ant ..	339.80	299 <sup>95</sup>
9120B	9020 Xcvr/971 tuner/4114 ps/1772 ant ..	339.80	299 <sup>95</sup>
9130B	9030 Xcvr/971 tuner/4114 ps/1773 ant ..	339.80	299 <sup>95</sup>
9140B	9040 Xcvr/971 tuner/4114 ps/1774 ant ..	339.80	299 <sup>95</sup>
9420X	12w 20m SSB Xcvr w/mic .....	239.95	219 <sup>95</sup>
9406X	6m SSB Xcvr w/mic .....	259.95	239 <sup>95</sup>
415	SSB Xcvr CW adaptor .....	39.95	
971	200w HF portable ant tuner w/meter ...	89.95	84 <sup>95</sup>
4110	Portable AC power supply .....	39.95	
4114	Rechargeable power pack .....	69.95	64 <sup>95</sup>
416	CW adapter for 9406X .....	39.95	
1776	6m dipole for 9406X .....	34.95	

## MAGELLAN (MAG)

GPS-2000	GPS receiver .....	\$279.99	199 <sup>95</sup>
GPS-4000	GPS receiver w/carrying case .....	349.99	249 <sup>95</sup>
00-69007-000	External power module .....	49.99	
Meridian XL	GPS/track plotter/detach ant/case ..	399.00	299 <sup>95</sup>

## MALDOL (MAL)

AH-209S	2m/440 3" duck .....	\$ 18.99	
ARD-5B	2m/440 0/3.8db 19.6" mobile ant ....	59.99	
ARD-6	2m/440 2.6/4.9db 26.8" mobile ant ...	70.99	
ARD-6B	Black 2m/440 2.6/4.9db 26.8" mob ..	70.99	
ARD-10	2m/440 3/5.5db 34.8" mobile ant ....	70.99	
ARD-10B	Black 2m/440 3/5.5db 34.8" mob ..	70.99	
ARD-12	2m/440 4.3/6.8db 48.8" mobile ant ..	97.99	
ARD-12B	Black 2m/440 4.3/6.8db 48.8" mob ..	97.99	
ARD-16	2m/440 5/7.7db 65.6" mobile ant ....	99.99	
ARD-16B	Black 2m/440 5/7.7db 65.6" mob ..	99.99	
ARS-50	6m 1/4 wave 61.2" mobile antenna ....	74.99	
ARS-146	2m 4.1db 56" mobile antenna .....	77.99	
ARS-146B	Black 2m 4.1db 56" mobile ant ....	77.99	
ARS-440	440 5.5db 38.4" mobile antenna ....	67.99	
ARS-440B	Black 440 5.5db 38.4" mobile ant .....	67.99	
EX-110	2m/440 3/5.5db 37.8" mobile ant ....	64.99	
EX-110B	Black 2m/440 3/5.5db 37.8" mob ...	64.99	
EX-111	2m/440 3.6/6db 44" mobile antenna ..	77.99	
EX-111B	Black 2m/440 3.6/6db 44" mobile ..	77.99	
FA-50	2m/440 2.15/3.2db 18.8" mag mt ant ..	51.99	
FR-30	2m/440 15" flexible telescopic whip ...	52.99	
HS-702S	2m/440 0/3.2db 17.6" duck .....	19.99	
HS-FOX727	2m/440 9.5/11.15db 3/5el beam .....	119.99	
MK-30H	Hatch/trunk power mount .....	164.99	
MK-30K	Roof/rail/carrier power mount .....	164.99	
RG-4M	13' coax & connector .....	17.99	

## MIRAGE (MIR)

A-1015G	6m FM/SSB 10/150w amp/preamp .....	\$389.00	349 <sup>95</sup>
A-1035G*	6m FM/SSB 10/350w 28v amp/pre .....	659.00	589 <sup>95</sup>
B-23	2m FM/SSB 2/30w amplifier .....	129.00	99 <sup>95</sup>
B-23G	2m FM/SSB 2/30w amp/preamp .....	169.00	154 <sup>95</sup>
B-34	2m FM 2/35w amplifier .....	79.00	
B-34G	2m FM/SSB 3.5/35w amp/preamp .....	99.00	
B-215G	2m FM/SSB 2/150w amp/preamp .....	379.00	339 <sup>95</sup>
B-108G	2m FM/SSB 10/80w amp/preamp .....	229.00	204 <sup>95</sup>
B-1016G	2m FM/SSB 10/160w amp/preamp ..	379.00	339 <sup>95</sup>
B-1030G	2m FM/SSB 10/300w amp/preamp ..	689.00	619 <sup>95</sup>
B-1060G*	2m FM/SSB 10/600w 28v amp/pre ..	1094.00	989 <sup>95</sup>
B-2516G	2m FM/SSB 25/160w amp/preamp ..	299.00	269 <sup>95</sup>
B-2530G	2m FM/SSB 25/300w amp/preamp ..	689.00	619 <sup>95</sup>
B-2560G*	2m FM/SSB 25/600w 28v amp/pre ..	1094.00	989 <sup>95</sup>
B-5016G	2m FM/SSB 50/160w amp/preamp ..	299.00	269 <sup>95</sup>
B-5030G	2m FM/SSB 50/300w amp/preamp ..	669.00	599 <sup>95</sup>
B-5060G*	2m FM/SSB 50/600w 28v amp/pre ..	1094.00	989 <sup>95</sup>
*Requires 28 volts; information on combining power supplies included in operations manual.			
BD-35	2m/440 3/45//4/35w HT amp .....	199.00	179 <sup>95</sup>
C-22	220 FM/SSB 2/20w amplifier .....	129.00	119 <sup>95</sup>
C-22G	220 FM/SSB 2/20w amp/preamp .....	169.00	154 <sup>95</sup>
C-211G	220 FM/SSB 2/110w amp/preamp ....	339.00	299 <sup>95</sup>
C-106G	220 FM/SSB 10/60w amp/preamp ....	239.00	214 <sup>95</sup>
C-1012G	220 FM/SSB 10/120w amp/preamp ..	339.00	299 <sup>95</sup>

## Reg Sale

## MIRAGE - continued

C-1022G	220 FM/SSB 10/220w amp/preamp ..	655.00	589 <sup>95</sup>
C-2512G	220 FM/SSB 25/120w amp/preamp ..	315.00	289 <sup>95</sup>
C-2522G	220 FM/SSB 25/220w amp/preamp ..	655.00	589 <sup>95</sup>
C-5012G	220 FM/SSB 50/120w amp/preamp ..	334.00	299 <sup>95</sup>
C-5022G	220 FM/SSB 50/220w amp/preamp ..	639.00	569 <sup>95</sup>
D-15N	430 FM/SSB/ATV 2/18w type N amp ...	189.00	169 <sup>95</sup>
D-26N	440 FM/SSB 2/60w type N amplifier ...	269.00	244 <sup>95</sup>
D-1010N	440 FM/SSB 10/100w type N amp ..	395.00	354 <sup>95</sup>
D-3010N	440 FM/SSB 30/100w type N amp ..	365.00	329 <sup>95</sup>
D-100-ATVN	430 ATV 1/52w type N amp .....	414.00	369 <sup>95</sup>
D-1010-ATVN	430 ATV 10/100w type N amp ..	414.00	369 <sup>95</sup>
RC-1*	Remote control head w/18' cable .....	45.00	
*Not for B-23/C-22/D-26			

The following Repeater Amplifiers are available on Special Order. Specify SO-239 or type N connectors

A-1015NR	6m FM 2/80w type N amplifier .....	\$599.00	539 <sup>95</sup>
A-1015R	6m FM 2/80w SO-239 amplifier .....	579.00	519 <sup>95</sup>
B-215NR	2m FM 1/110w type N amplifier .....	579.00	524 <sup>95</sup>
B-215R	2m FM 1/110w SO-239 amplifier .....	559.00	504 <sup>95</sup>
B-1016NR	2m FM 2/120w type N amplifier ...	619.00	559 <sup>95</sup>
B-1016R	2m FM 2/120w SO-239 amplifier ....	599.00	539 <sup>95</sup>
B-2516NR	2m FM 12/120w type N amplifier ..	569.00	519 <sup>95</sup>
B-2516R	2m FM 12/120w SO-239 amplifier ..	549.00	499 <sup>95</sup>
C-211NR	220 FM .5/80w type N amplifier .....	649.00	584 <sup>95</sup>
C-211R	220 FM .5/80w SO-239 amplifier .....	629.00	564 <sup>95</sup>
C-1012NR	220 FM 5/90w type N amplifier ....	649.00	584 <sup>95</sup>
C-1012R	220 FM 5/90w SO-239 amplifier .....	629.00	564 <sup>95</sup>
C-2512NR	220 FM 15/90w type N amplifier ...	615.00	559 <sup>95</sup>
C-2512R	220 FM 15/90w SO-239 amplifier ...	595.00	539 <sup>95</sup>
D-1010NR	440 FM 4/80w type N amplifier ....	654.00	589 <sup>95</sup>
D-3010NR	440 FM 12/80w type N amplifier ..	625.00	564 <sup>95</sup>
D-100-ATVN-R	430 ATV 1/40w type N amp ....	654.00	589 <sup>95</sup>
D-1010-ATVN-R	430 ATV 4/80w type N amp ..	654.00	589 <sup>95</sup>

## PREAMPS

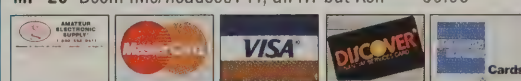
KP-1/10M	10m in shack preamp .....	\$139.00	124 <sup>95</sup>
KP-1/6M	6m in shack preamp .....	139.00	124 <sup>95</sup>
KP-1/2M	2m in shack preamp .....	139.00	124 <sup>95</sup>
KP-1/220	220 in shack preamp .....	139.00	124 <sup>95</sup>
KP-1/440	440 in shack preamp .....	139.00	124 <sup>95</sup>
KP-2/10M	10m mast mount preamp .....	195.00	174 <sup>95</sup>
KP-2/6M	6m mast mount preamp .....	195.00	174 <sup>95</sup>
KP-2/2M	2m mast mount preamp .....	195.00	174 <sup>95</sup>
KP-2/220	220 mast mount preamp .....	195.00	174 <sup>95</sup>
KP-2/440	440 mast mount preamp .....	195.00	174 <sup>95</sup>

## WATTMETERS

MP-1	160-10m 25/200/2kw PEP wattmeter ..	\$235.00	209 <sup>95</sup>
MP-2	6 & 2m 50/500/1.5kw PEP wattmeter ..	235.00	209 <sup>95</sup>
MP-3	420-450 5/50/500w PEP wattmeter ....	265.00	239 <sup>95</sup>
MP-4	1.2 GHz 1/10/100w PEP wattmeter ....	279.00	259 <sup>95</sup>

## NCG (NCG)

BB-516	Motorcycle intercom set .....	\$ 89.95	
BJP-514	Motorcycle earph/mic; Ali/Ico/Sta/Yae	69.95	
BJP-514K	Motorcycle earphone/mic; Kenwood	69.95	
EN-921	Spkr/mic earpiece; Ali/Ico/Ken/Yae ...	44.95	
EN-921K	Spkr/mic earpiece; Kenwood .....	44.95	
MC-910	Earpiece/bm mic w/cap-clip/ear hook ..	49.95	
MH-900P	Earpiece/bm mic/PTT; all HT but Ken	39.95	
MH-900PK	Earpiece/boom mic/PTT; Ken HT ...	39.95	
MP-28	Boom mic/headset/PTT; all HT but Ken	39.95	



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**NCG - continued**

MP-28K Boom mic/headset/PTT for Ken HT ...	39.95
Power Pocket 12v 2AH lead acid belt batt/cgr	66.95

**NAVAL (NAV)**

HTS-3 5-15vdc amplified speaker .....	\$ 29.95
MK-303 Earphone/PTT/mic for Icom HT's .....	14.95

**NEW WAVE (NEW)**

Adventurer 12' extended Portable alum mast m	\$109.95
Traveler 19' extended Portable alum mast ..m	124.95
Rover 26' extended Portable alum mast .....	149.95
Expeditioner 33' extended Portable alum mast m	174.95
Explorer 40' extended Portable alum mast m	199.95
Big Foot Welded, unpainted park-on mt ..m	119.95

**NICAD BATTERIES****JBRO NICAD (JAB)**

J/CM-7F 13.2v 450ma batt for Icom .....	Δmv \$ 72.70	29 <sup>95</sup>
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**NORCOMM (NOR)**

NC-401 Sub-miniature DTMF decoder .....	m \$ 59.95
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**NYE VIKING (NYE)****ANTENNA TUNERS AND ACCESSORIES**

MBV-A 3kw tuner with ant switch & meters ..	\$830.00	729 <sup>95</sup>
MBV-B As MBV-A, without meters .....	689.00	599 <sup>95</sup>
020-001 2kw low-pass filter .....	49.00	

**PHONE PATCHES**

047-001 Phone patch w/4-pin, no spkr ...Δfv	\$157.50	89 <sup>95</sup>
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**MASTER KEY**

330-001 Black enamel base w/cable, plug ...	\$ 65.00
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**HEAVY DUTY SPEED-X KEYS WITH NAVY KNOBS**

320-001 No shorting switch .....	\$ 31.00
320-003 As above, w/shorting switch .....	36.00
322-001 Brass hardware, no switch .....	31.00
322-003 As above, w/shorting switch .....	36.00

**STANDARD SPEED-X KEYS**

310-001 Black, no shorting switch .....	\$ 28.40
310-003 As above, w/shorting switch .....	33.50
312-001 Brass arm, no shorting switch .....	28.60
312-003 As above, w/shorting switch .....	33.50
315-003 Brass oval key, steel base, short sw	63.95

**KEY ACCESSORIES**

013-001 Navy knob .....	\$ 15.50	
300-001 Black plastic base for keys .....	Df 8.00	1 <sup>95</sup>

**CODE PRACTICE SETS (BUZZER)**

404-001 Code practice set, no key .....	Δmvfv \$ 24.50	4 <sup>95</sup>
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**Oak Bay Technologies (OAK)**

AM-101B BNC duck window mount .....	\$ 24.95
CA-232HH Handheld packet cable .....	34.95
CA-232U Universal packet cable .....	34.95
LP-11P 1.8-30 MHz 1kw low-pass filter .....	69.95
LP-50 1.8-54 MHz 1kw low-pass filter .....	69.95
PS-101 Heavy duty DC power strip .....	79.95

**Optoelectronics (OPT)**

8040 Multifunction 10-digit ctr/timer ..Dmwf	\$679.00	499 <sup>95</sup>
8040DLX 10-digit counter/.05ppm oven/nicads	999.00	
Cub 1 MHz - 2.8GHz 9-digit mini-counter .....	149.00	
R-10 30-2000MHz FM communications Interceptor	299.00	
CF-802 Band pass filter/amp; 825-845MHz	149.00	
Scout/400/Scout 10-2800MHz freq rec/counter	449.00	
Clipmate Windshield mount for Scout/400 ..	25.00	
DB-32 Mini 1.75" antenna for Scout/400 ...	29.00	
Spectrum FCC database CDROM/Scout prog	39.00	
SSB-220A SSB/gen purpose 3GHz bench ctr ..	399.00	
Antenna Pack 2 5 tuned ants; 26MHz-1GHz ..	99.00	



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BHP-800 High pass receiving filter .....	40.00
BLP-70 Low pass receiving filter .....	36.00
CB-232 PC interface cable .....	39.00
CC-30 Vinyl case for R-10/Scout/400 .....	10.00
N-100 FM broadcast band notch filter .....	99.00
Optolog Software for 8040/SSB-220A .....	25.00
P-30 1X/10X switchable probe; counter/scope	35.00
TA-100S 100-600MHz telescoping whip ant ..	12.00

**OUTBACKER (OUT)**

OB-8 300w PEP 6' 75-10m 8-band mobile ant ..	\$259.00
OB-8HP 500w PEP 6' 75-10m 8-band mob ant ..	289.00
OB-S8 8-band mobile ant w/storage bag .....	289.00
OB-8TRI 3-pc 300w PEP 6' 8-band port ant ..	319.00
OB-JR8 150w PEP 4' 75-10m 8-band mob ant ..	229.00
Perth 7.5' 75/40/30/20/17/12/10m mobile ant	274.00
Perth Plus 75-10m plus 6m/2m mobile ant ..	289.00
OB-M 300w PEP 6' 75/40/20/17/10m/HF marine	399.00
OB-360 Tnk lip mt/spring; Perth/JR8/Perth Plus	89.00
OB-SB ¾-24 spring and ½" hole base .....	89.00
Diamond K-400-3/8C ¾-24 trunk mt, 6' coax	69.95
Diamond C-110 10' ext cable; K-400-3/8C ..	14.95

**Palomar Engineers (PAL)**

FER-2 RF ferrite toroid kit .....	\$ 18.00	
LA-1 Loop amplifier; matches loop to Rcvr ....	99.95	
5-15 MHz plug-in loop (HF-1) .....	89.95	
1.6-5 MHz plug-in loop (160m, 80m) .....	89.95	
.55-1.6 MHz plug-in loop (AM broadcast) ....	89.95	
150-550 KHz plug-in loop (LF, 1750m) .....	89.95	
40-150 KHz plug-in loop (WWVB, Loran) .....	89.95	
10-40 KHz plug-in loop (Omega) .....	89.95	49 <sup>95</sup>
M-840 Bar graph HF auto SWR/power meter ..	199.95	189 <sup>95</sup>
PS-95 AC adapter for M-835/840 .....	15.00	
MOB-2 Magnetic dipole receiving balun .....	39.95	
MLB-1 Magnetic longwire receiving balun .....	39.95	
MSB-3 Magnetic switch receiving balun .....	135.00	129 <sup>95</sup>
P-405 1.8-54MHz 20db 9v Rcv preamp Dmwf	149.95	79 <sup>95</sup>
P-408 1.8-54MHz 20db AC Rcvr preamp ....Dwf	159.95	109 <sup>95</sup>
P-412X 160-6m 20db mob Xcv preamp Dmwf	179.95	149 <sup>95</sup>
P-508 .2-30MHz 12v active Rcvr preamp .....	99.95	
PCM-1 1-30MHz RF current meter .....	125.00	119 <sup>95</sup>
PF-300 SC audio filter .....	Dfv 159.95	109 <sup>95</sup>
PK-200 Jones dual-paddle key .....	170.00	159 <sup>95</sup>
PK-200B Brass Jones dual-paddle key .....	190.00	179 <sup>95</sup>
PK-203 Brass Jones single lever key .....	195.00	174 <sup>95</sup>
PK-205 Jones straight key .....	150.00	139 <sup>95</sup>
PT-340 Tuner-Tuner (use with ant tuner) .....	99.95	
RFI-3 RF interference kit .....	18.00	
RX-100 1-100 MHz RX noise bridge .....	79.95	
SMB-5 SmartBridge prog for AT computers	29.95	
SB-4 2kw 1.7-30 MHz 4:1 balun w/SO-239 ...	79.95	
VLF-A VLF converter; 10-500 KHz to 80m	79.95	
VLF-S VLF conv; 10-500 KHz to 4-4.5 MHz .....	79.95	

**PANASONIC (PAN)**

RF-B45 Compact FM/LW/MW/SW port Rcvr ....	\$199.95	169 <sup>95</sup>
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**PAR (PAR)**

VHFDN152 Dual band notch filter .....	\$ 62.00
VHFDN152HT Dual band notch filter for HT ...	68.00

**PENETROX (PEN)**

Penetrox A 4 oz tube for antennas .....	\$ 7.95
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**PERCON (PEC)**

Spectrum FCC database CDROM .....	\$ 29.95
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**PERIPHEx (PER)**

BP-3 8.4v 350ma battery for Icom .....	\$ 39.00
BP-7S 13.2v 1200ma battery for Icom .....	65.00
BP-8 8.4v 1400ma battery for Icom .....	75.00
BP-8S 9.6v 1400ma battery for Icom .....	65.00
BP-83S 7.2v 800ma battery for Icom .....	43.50
BP-84S 7.2v 1400ma battery for Icom .....	63.00
BP-85S 12v 800ma battery for Icom .....	76.00
BP-114S 12v 800ma battery for Icom .....	79.00
BP-132 12v 600ma battery for Icom .....	54.00
BP-132A 12v 600ma battery for Icom .....	54.00
SAT Internal 7.2v 300ma int batt; IC-2SAT ...	25.00

**PERIPHEx - continued**

BP-3 Insert 8.4v 270ma insert; Icom BP-3 ...	18.95	
BP-8 Insert 8.4v 800ma insert; Ico BP8 .....Dv	29.50	
CNB-152 12v 600ma battery for Standard ....	58.50	
CNB-153 7.2v 1100ma battery for Standard ..	54.50	
EBP-22S 12v 800ma battery for Alinco .....	65.00	
EBP-24S 7.2v 1500ma battery for Alinco .....	62.00	
FNB-11 12v 800ma battery for Yaesu .....	58.50	
FNB-12 12v 600ma battery for Yaesu .....	54.50	
FNB-14 7.2v 1100ma battery for Yaesu .....	47.75	
FNB-14S 7.2v 1400ma battery for Yaesu .....	59.75	
FNB-26 7.2v 1100ma battery for Yaesu .....	60.00	
FNB-26S 7.2v 1400ma battery for Yaesu .....	65.00	
FNB-27 12v 600ma battery for Yaesu .....	60.00	
FNB-27S 12v 800ma battery for Yaesu .....†	65.00	52 <sup>00</sup>
FNB-33 4.8v 1400ma battery for Yaesu .....	53.25	
FNB-35 7.2v 600ma battery for Yaesu .....†	49.00	39 <sup>00</sup>
FNB-38 9.6v 650ma battery for Yaesu .....	66.90	
PB-1 12v 1000ma battery for Kenwood .....	64.00	
PB-7S 7.2v 1400ma battery for Kenwood .....	59.00	
PB-8S 12v 800ma battery for Kenwood .....†	59.00	47 <sup>00</sup>
PB-13S 7.2v 1200ma battery for Kenwood ....	49.75	
PB-14S 12v 400ma battery for Kenwood .....	60.00	
PB-17 12v 800ma battery for Kenwood .....	49.95	
PB-18 7.2v 1400ma battery for Kenwood .....	49.25	
PB-25S/26S 8.4v 1400ma battery; Kenwood ..	65.00	
PB-33 6v 1200ma battery for Kenwood .....	49.00	
PB-34 9.6v 600ma battery for Kenwood .....	54.00	
Santec ST-142 9.6v 600ma battery; ST-142 ..	23.95	

**PHILIPS (PHI)**

U-105 Light duty rotor .....	\$ 99.90	69 <sup>95</sup>
TB-105 Thrust bearing .....	18.25	

**PICQUIC (PIC)**

88101 Full size 6-in-1 screwdriver set .....	Δv \$ 16.95	4 <sup>95</sup>
91102 Stubby 6-in-1 screwdriver set .....	Δmv 12.95	3 <sup>95</sup>

**PIPO TOUCH-TONE PADS (PIP)**

PK-1 12-digit pad .....	m \$ 71.00
PK-1K 12-digit pad w/delay relay .....	m 78.00
PK-1M 12-digit pad for surface mtg .....	m 71.00
PK-2 16-digit pad .....	m 76.00
PK-2K 16-digit pad w/delay relay .....	m 83.00
PK-2M 16-digit pad for surface mtg .....	m 76.00
P-7V 12-digit vertical rugged mini pad .....	m 58.00

**POLYPHASE (PLY)****LIGHTNING PROTECTION**

IS-50NX-C2 125-1000 375/125/50w N flange	\$ 52.95
IS-50UX-C0 1.5-400 2kw/375/125w flange mt	52.95
IS-50UX-C1 50-700MHz 375/125w flange mt.	52.95
IS-B50LN-C2 125-1000 375/125/50w N bulkhead	59.95
IS-B50LU-C0 1.5-400 2kw/375/125w bulkhead	59.95
IS-B50LU-C1 50-700MHz 375/125w bulkhead mt	59.95
IS-PLD0-120-15A 120v 15A power protector	143.95
IS-PLD0-120-20A 120v 20A power protector	179.95
IS-RCT 8-wire rotor control protector .....	46.95
J-1 ½" to 1 1/3" bronze transition clamp .....	7.95
J-2 1 1/2" to 2 1/4" bronze transition clamp ...	9.95
IS-SPTL Single phone line protector .....	57.95
1.5" STRAP 1 1/2" copper strap linear ft., Dmwf	.95
3" STRAP 3" copper strap .....	linear ft., Dmwf 2.75
6" STRAP 6" copper strap .....	linear ft., Dmwf 3.95
CS112-25 25' 1 1/2" copper strap .....	23.95
CS112-50 50' 1 1/2" copper strap .....	47.95
CS112-75 75' 1 1/2" copper strap .....	70.95
CS112-100 100' 1 1/2" copper strap .....	93.95
CS3-25 25' 3" copper strap .....	47.95
CS3-50 50' 3" copper strap .....	93.95
CS3-75 75' 3" copper strap .....	140.95
CS3-100 100' 3" copper strap .....	184.95
CS6-25 25' 6" copper strap .....	93.95
CS6-50 50' 6" copper strap .....	184.95
CS6-75 75' 6" copper strap .....	279.95
CS6-100 100' 6" copper strap .....	365.95
CU-SPGP Copper single point ground panel ..	54.95
TK-2 1 1/2" strap to Rohn twr corrosion free clamp	3.95
TK-3 1 1/2" strap-2 1/4" to 3 3/4" mast corr free clamp	6.95



## POLYPHASER - continued

	Reg	Sale
1C-112S #6-#1 wire to 1½" strap clamp bond	8.95	
20C-112S #2-0 to #4-0 wire to 1½" strap clamp bond	10.95	
58R-112S 1½" strap to 5/8" gnd rod clamp bond	10.95	
MSC-3 Junc; 2 and 1½" or 3" strap clamp bond	8.95	
UNI-KIT 2CT Gnd kit; coax to alum/tin/galv	29.95	
UNI-KIT 2TC Gnd kit; galv twr leg to copper	29.95	
UNI-KIT 2CC Ground kit; coax to copper	28.95	
UNI-KIT 2TT Ground kit; galv/alum to galv	30.95	
CCK Copper cleaning kit; 4 oz can, brush	25.95	
GLEP Lightning and EMP Protection book	22.95	

## PREMIER (See ADI & ANLI) PRO AM by VALOR (VAL)

### VHF/UHF ANTENNAS ONLY (No Mounts)

MO144-440 2m/440 antenna	\$ 21.90	1995
PAQA 136-515 MHz ¼ wave antenna	8.00	
PAQ-144 2m ¼ wave antenna	8.00	
PAQ-435 440 ¼ wave antenna	8.00	
PAQ-3820 2m ¼ wave whip w/¼-24 thread	8.00	
PHB-144 2m ¼ wave 3 db antenna	31.80	2495
PHB-220 220 ¼ wave 3 db antenna Δmwf	31.80	695
PUB-440 440 5 db antenna	39.80	2995

### MOUNTS ONLY FOR ABOVE ANTENNAS

PAM Low profile magnet mount w/coax	\$ 28.40	2495
PAMB Black low profile mag mount w/coax	28.40	2495
PAS ¾" surface mount w/coax	20.00	1695
PASMO ¾" surface mt only (no coax)	7.90	
PAS38 ¾" surface mount w/coax	20.00	1495
PAS38MO ¾" surface mt only (no coax)	7.90	
PAT-2 No hole trunk mount w/coax	27.90	2295
PAT-2B Black no hole trunk mount w/coax	27.90	2295
PAT-3 Swivel NMO-style trunk mt w/coax	35.80	2995

### OTHER VHF/UHF ANTENNAS & MOUNTS

77BNC 2m/440 12" 0/2.1db BNC rubber duck	\$ 23.90	1995
144BNC 2m 12" ¼ wave rubber duck w/BNC	11.00	995
220BNC 220 10" ¼ wave rubber duck w/BNC	11.00	995
450BNC 440 6½" ¼ wv rubber duck w/BNC	11.00	995
BNC-SC Suction cup extension; rubber ducks	22.60	1495
WMSL-BNC Window clip for rubber ducks	42.80	2995
82BNC Magnet mt for BNC w/coax	27.00	2295
101ADN HD alum mirror mt w/SO-239	10.30	
301 ¾-24 magnet mt only w/coax	25.40	1995
401 Low profile ¾-24 mag mt only w/coax	31.70	2695
DAK Mt for 2 vert ants or horizontal dipole	13.80	
GM-100AD SS GM ¾-24 mirror mt w/SO-239	9.60	
GM-270 2m/440 2.6/6.3db on glass antenna	59.95	3995
TGMKD On glass replacement mtg kit	8.70	
MM-3401 Maxi-mag mt ¾-24 kit (3-5" mags)	59.90	4995
SS-100MOT 3-way NMO mirror mt w/coax	23.80	1995
CX-144/CX-144B 2m ¼ wave 3db ¾-24 whip	17.90	1495
CX-220 220 ¼ wave 3 db ¾-24 whip Δmwf	17.90	495
MM-270B 2m/440 mini mag mt ant w/BNC	56.60	3995
PAQM 144-450 MHz ¼ wave BNC mag ant	28.80	2495
PM-144-440BN 2m/440 BNC mag mt ant	33.90	2995
TGS 30-1200MHz on-glass scanner ant	48.20	3995
VAA-002 144-450 MHz ¼ wave mag mt ant	23.80	1995
VAA-002BN 144-450 MHz ¼ wv BNC mag ant	27.80	2295
120 Sawtooth hump mt for mobile radios	7.80	
D-270 2m/440 100w duplexer	45.90	3995
DB-240 2m/440 base station antenna	105.20	6995

### MOBILE HF ANTENNAS (No Mounts)

AB-5 75/40/20/15/10m antenna	\$ 119.60	8995
PHF-160 160m 8' ¾-24 whip	97.80	6995
PHF-75 75m 8' ¾-24 whip (4' coil, 4' whip)	29.80	2495
PHF-40 40m 8' ¾-24 whip (4' coil, 4' whip)	23.80	1995
PHF-30 30m 8' ¾-24 whip (4' coil, 4' whip)	23.80	1995
PHF-20 20m 8' ¾-24 whip (4' coil, 4' whip)	23.80	1995
PHF-17 17m 8' ¾-24 whip (4' coil, 4' whip)	23.80	1995
PHF-15 15m 8' ¾-24 whip (4' coil, 4' whip)	23.80	1995
PHF-12 12m 8' ¾-24 whip (4' coil, 4' whip)	23.80	1995
PHF-10 10m 8' ¾-24 whip (4' coil, 4' whip)	23.80	1995
PHF-6 6m 8' ¾-24 whip (4' coil, 4' whip)	23.80	1995

## QSL Card Holders (ART)

QSL Card Holders, pack of 3, 20 cards/holder	\$ 9.95
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Reg Sale

## RF APPLICATIONS (RFA)

P-1500 1.8-30MHz dig power/SWR	\$219.95
P-1500-P Power supply for P-1500	16.95
P-3000 Deluxe 1.8-30MHz dig power/SWR	299.00
P-3000-P Power supply for P-3000	12.95

## RF CONCEPTS (RFC)

144 2m FM mini-amp 2/30w amplifier	\$119.95	10995
144P 2m FM mini-amp 2/30w amp/preamp	129.95	11995
VHF1-60 2m 1/60w HT amplifier	249.95	22995
2-23 2m FM/SSB 2/30w amp/preamp	149.95	13995
2-315 2m FM/SSB 30/150w amp/pre Δmwfv	319.95	26995
2-417 2m FM/SSB 45/170w amp/pre Δmwv	319.95	26995
MAX-10 2m FM/SSB 10/150w amp/preamp	349.95	31995
MAX-45 2m FM/SSB 45/150w amp/preamp	319.95	28995
2/70 2m/440 FM 3/30/5/20w HT amp	259.95	23995
2/70G 2m/440 FM 3/30/5/20w HT amp/preamp	289.95	25995
2/70H 2m/440 20/200/20/100w N amp Δw	749.95	69995
3-22 220 FM/SSB 2/20w amp/preamp	149.95	13995
3-211 220 FM/SSB 2/110w amp/preamp	349.95	31995
3-112 220 FM/SSB 10/120w amp/preamp	349.95	31995
3-312 220 FM/SSB 30/120w amp/preamp	329.95	29995
440 440 FM mini-amp 3/20w amplifier	129.95	11995
440P 440 FM mini-amp 3/20w amp/preamp	159.95	14995
UHF-50 440 3/50w HT type N amplifier	299.95	26995
4-32 440 FM/SSB 3/20w amp/preamp	159.95	14995
4-110 440 FM/SSB 10/100w N amp/preamp	399.95	35995
4-310 440 FM/SSB 30/100w N amp/preamp	369.95	33995

## RF LIMITED (RFL)

HL-35NP 2m .5-5/20-35w Power Plus amp	\$ 89.95	7995
HL-35V 2m .5-5/20-35w Power Plus amp/preamp	119.95	9995

## RF PARTS (See Diamond)

## RF PRODUCTS (RFP)

199-416 BNC mag mt, 10' coax w/BNC .....	\$ 17.95
199-495 SO239 mag mt, 13' coax/PL259 Δwfv	23.95

## RMS (RMS)

CN-220 1.8-225MHz 1.5kw PEP meter	\$144.99
PA-546 2m 5/45w amplifier	129.99
W-450 140-170/430-470MHz 150w meter	69.99

## RACOM (RCO)

700 Automatic morse code identifier	\$ 92.00
700-PC Programming kit	30.00

## Radio Amateur Callbook (RAC)

058883 1996 North American Callbook	\$ 35.00
058875 1996 International Callbook	35.00
059278 1996 World Radio TV Handbook	24.95
RACD01 1996 No. Am/Int CD-ROM Callbook	49.95

## RADIO PUBLICATIONS

087034 All About Cubical Quad Antennas	\$ 13.95
087042 Beam Antenna Handbook	13.95
087050 All About VHF Amateur Radio	13.95
087069 Radio Amateur Antenna Handbook	13.95
087077 Simple, Low Cost Wire Antennas	13.95
087093 Interference Handbook	13.95
087107 All About Vertical Antennas	13.95

## GORDON WEST RADIO SCHOOL

087263 Novice Voice Class	\$ 5.95
087417/GW0990 FCC Rules and Regulations	3.50

## RAMSEY (RAM)

AA-7 Active antenna kit	\$ 28.95
AF-1 Hi-Q CW audio filter kit	34.95
AR-1 Aircraft receiver kit	29.95
CS-1 Crystal radio set kit	19.95
CW-7 CMOS keyer kit	24.95
DF-1 Foxhound direction finder kit	59.95
DN-1 Nicad conditioner/fast charger kit	49.95
FM-1 300' FM broadcast transmitter kit	5.95
FM-4 Hi power FM broadcast transmitter kit	14.95
FR-1 FM broadcast receiver kit	24.95
HR-20 20m receiver kit	29.95
HR-40 40m receiver kit	29.95
HR-80 80m receiver kit	29.95
PR-10 2m preamp kit	17.95

Reg Sale

## RAMSEY - continued

	Reg	Sale
QRP-20 20m CW transmitter kit	29.95	
QRP-40 40m CW transmitter kit	29.95	
QRP-80 80m CW transmitter kit	29.95	
RFS-1 RF sensed switch kit	14.95	
SCA-1 SCA decoder kit	27.95	
SR-1 Shortwave receiver kit	29.95	
TS-1 CW touch paddle switch kit	6.95	
UT-5 Universal timer kit	8.95	
VS-1 Voice activated switch kit	6.95	
WA-10 BNC telescopic whip antenna	12.95	

## RANGER (RAN)

RCI-2950 25w FM/SSB 10m Xcvr	\$499.00	25995
RCI-2970 100w FM/SSB 10m Xcvr	699.00	36995
RCI-2980 25w FM/SSB 10m Xcvr w/ps	799.00	41995
RCI-2990 100w FM/SSB 10m Xcvr w/ps	895.00	62995

## ROHN TOWERS (ROH)

HBX-40/BXB-6 40' tower, 10 sq ft, 228 lbs *T	\$469.90	39995
HBX-48/BXB-7 48' tower, 10 sq ft, 303 lbs *T	628.60	49995
HBX-56/BXB-8 56' tower, 10 sq ft, 385 lbs *T	789.00	62995
HDBX-40/BXB-7 40' tower, 18 sq ft, 281 lbs *T	584.60	46995
HDBX-48/BXB-8 48' tower, 18 sq ft, 363 lbs *T	775.00	61995

\*Drop-shipped from factory or limited stock in Milwaukee for pick-up  
On factory drop-shippings we prefer payment in full with order, however, we will accept your credit card with the understanding that we will process the charge when we order the merchandise from the factory. This means that you may be billed before you receive your drop-shipped merchandise. Shipment is FOB the Rohn factory, which has various locations, via truck, COD for freight charges only. Freight charges will be collected upon delivery by the carrier. Please allow sufficient time for delivery on these drop-shipped towers. Most truck lines will not unload the tower for you, so please be sure to have enough manpower and/or equipment on hand when your tower is delivered by the carrier.

Note: Rohn states that "antennas developing a large twisting moment due to wind must not be used on HBX/HDBX-series towers. Antennas should be limited to those having a maximum boom length of 10 ft.

SS0400D70RTP 40' 70mph self supporting *T	1760.80	1199
SS0500D70RTP 50' 70mph self supporting *T	2135.80	1439
SS0600D70RTP 60' 70mph self supporting *T	3110.80	2099
SS0700D70RTP 70' 70mph self supporting *T	3485.80	2269
SS0800D70RTP 80' 70mph self supporting *T	4635.80	3119
SS0900D70RTP 90' 70mph self supporting *T	5012.70	3369

\*SS-series towers drop-shipped from factory only

Other Rohn Towers available on Special Order

## SGC (SGC)

04-01 SG-2000 150w 1.8-30 MHz 12v Xcvr	1995.00	1479
04-01/54-12 SG-2000/SG-230 package	2590.00	1599
04-10 SG-2000 Xcvr w/PowerTalk head	2890.00	2399
04-12 Remote kit w/swivel bkt & cable	200.00	17995
04-13 Remote kit w/5-way mount & cable	350.00	31995
04-14 Rem kit w/suction cup mt & cable	495.00	44995
04-22 PowerTalk remote head	1095.00	92995
51-82 Fan kit for continuous duty xmit	300.00	26995
52-31 Waterproof military handset	375.00	33995
52-32 Telephone handset	190.00	17495
52-34 RS-232 interface; SG-2000 Xcvr	195.00	17995
52-46 Mounting tray	50.00	
52-47 Shock/military mounting tray	300.00	26995
52-51 CA-1 High voltage feed wire .per ft.	70¢	
52-52 CA-2 RG-58 coax cable .per ft.	90¢	
52-53 CA-230 Ant coupler cable .per ft.	4.00	
52-54 CA-2000 Remote head cable .per ft.	4.00	
52-56 CA-4 RG-8A/U coax cable .per ft.	1.10	
53-03 PS-35/AC 30A/45A peak HD ps	700.00	62995
52-61 PSC/12-1 12' ps cable, 1 plug	50.00	
52-62 PSC/12-2 12' ps cable, 2 plugs	60.00	
52-63 PSC/25-1 25' ps cable, 1 plug	60.00	
52-64 PSC/25-2 25' ps cable, 2 plugs	70.00	
53-53 PS fan kit for continuous xmit	300.00	26995
52-96 SG-500 1.8-24MHz 12v 500w PEP amp	995.00	94995
54-12 SG-230 150w 1.8-30 MHz 12v auto tuner	595.00	48995
54-61 25' extension cable	60.00	
54-62 50' extension cable	90.00	
54-63 SmartLock; tuners made after 9/1/93	59.00	
54-16 SmartPro 1.6-30 MHz 12v auto tuner	995.00	86995
55-04 SG-103 1.8-30MHz 150w dipole	450.00	19500
55-06 SG-104 2-28 MHz 90' 1kw dipole	700.00	62995
55-27 SG-303 1.8-30 9' mobile whip & mt	495.00	44995



## SGC - continued

55-67 Replacement whip for SG-303 .....	150.00	139 <sup>95</sup>
55-45 QMS Quick universal mount system .....	490.00	449 <sup>95</sup>
55-46 QMS-1 Quick mt system w/SG-230 .....	1085.00	979 <sup>95</sup>
55-47 QMS-2 Quick mt sys w/SG-230/303/whip .....	1580.00	895 <sup>00</sup>
55-91 60' RG-58/U coax w/PL-259s .....	50.00	
55-92 120' RG-58/U coax w/PL-259s .....	70.00	
55-93 60' RG-8 coax w/PL-259s .....	80.00	
55-94 120' RG-8 coax w/PL-259s .....	120.00	
55-95 150' total extension: SG-103/104 .....	70.00	
56-15 External ARQ/FEC system .....	1200.00	1069

## SANGEAN (SAN)

ATS-202 AM/FM/shortwave portable receiver .....	\$159.00	89 <sup>95</sup>
ATS-303 AM/FM/shortwave portable receiver .....	119.00	79 <sup>95</sup>
ATS-818 AM/FM/shortwave portable receiver .....	299.00	179 <sup>95</sup>
ATS-818CS AM/FM/SW port Rcvr w/cassette .....	359.00	229 <sup>95</sup>
DT-200V AM/FM/VHF TV sound dig port Rcvr .....	79.95	69 <sup>95</sup>
SG-796 AM/FM/shortwave portable Rcvr ..Dm .....	59.95	24 <sup>95</sup>

## SEQUOIA (SEQ)

POCKET PC REF Pocket PC reference book ....	\$ 14.95	
POCKET REF Pocket reference book .....	9.95	

## SHURE (SHU)

526T Series II Dynamic amplified desk mic ..	\$129.00	112 <sup>95</sup>
R96 Replacement cartridge .....	26.20	
R5F Replacement cartridge for 404C .... Δmf	30.20	24 <sup>95</sup>

## SMILEY ANTENNA (SMI)

270A 2m/440 gain telescopic whip .....	\$ 19.95	
5/8 SLD-2 2m ½ Slim Duck rubber ant .....	17.95	
5/8 SLD-220 220 ½ Slim Duck rubber ant .....	17.95	
5/8 SLD-440 440 ½ Slim Duck rubber ant .....	17.95	
5/8 SLD-2 Combo 2m ½ duck & stubby ant .....	24.95	
5/8 SLD-220 Combo 220 ½ duck & stubby ant .....	24.95	
5/8 SLD-440 Combo 440 ½ duck & stubby ant .....	24.95	
FLX 1/2 WAV-2M ½ wv 2m BNC whip/flex coil .....	25.95	
RD-2 2m rubber duck antenna .....	14.95	
RD-220 220 rubber duck antenna .....	14.95	
RDMD-2 2m mini rubber duck antenna .....	14.95	
RDMD-220 220 mini rubber duck antenna .....	14.95	
RDMD-440 440 mini rubber duck antenna .....	14.95	
RDS-2 2m stubby rubber duck antenna .....	14.95	
RDS-220 220 stubby rubber duck antenna .....	14.95	
RDS-440 440 stubby rubber duck antenna .....	14.95	
SD-2 2m Slim Duck thin rubber antenna .....	14.95	
SD-220 220 Slim Duck thin rubber antenna ..	14.95	
SL-440 440 slimline type duck .....	12.95	
SS-II Super Stick 2m ½ wv telescopic ant .....	19.95	
SS-III Super Stick 220 ½ wv telescopic ant .....	19.95	
SS-IV Super Stick 440 ½ wv telescopic ant .....	19.95	
SS-II/Combo 2m ½ wv telescopic & stubby ant ..	26.95	
SS-III/Combo 220 ½ wv telescopic & stubby ant ..	26.95	
SS-IV/Combo 440 ½ wv telescopic & stubby ant ..	26.95	
TAQ-2 2m ½ wave stainless whip .....	10.95	
TAQ-220 220 ½ wave stainless whip .....	10.95	
TAQ-440 440 ½ wave stainless whip .....	10.95	
TS Thin Stick 2m/220 ½ wave telescopic whip ..	16.95	

## SOLARCON (SOL)

A-99 10m fiberglass base station antenna ...	\$ 74.95	59 <sup>95</sup>
GPK-1 Ground plane radial kit .....	39.95	



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## Reg Sale

## SOLDER-IT (SLD)

ALP-21D Aluminum solder paste, 7.1gm .....	\$ 6.00	
SP-7D Solder paste, 7.1 gm .....	6.00	

## SONY (SON)

ICF-SW15 AM/FM/SW port receiver .....Dmv	\$ 89.95	59 <sup>95</sup>
ICF-2010 AM/FM/SW/LW/air port Rcvr w/ps ..	429.95	359 <sup>95</sup>
ICF-SW10 AM/FM/SW compact receiver .....	59.95	49 <sup>95</sup>
ICF-SW30 AM/FM/SW portable receiver .....	129.95	99 <sup>95</sup>
ICF-SW33 AM/FM/SW portable receiver .....	199.95	169 <sup>95</sup>
ICF-SW55 AM/FM/SW portable receiver .....	429.95	349 <sup>95</sup>
ICF-SW77 AM/FM/SW portable receiver .....	649.95	469 <sup>95</sup>
ICF-SW100S AM/FM/SW portable receiver .....	479.95	349 <sup>95</sup>
ICF-SW1000T AM/FM/SW port Rcvr w/cassette ..	699.95	569 <sup>95</sup>
ICF-SW7600G AM/FM/SW portable receiver .....	229.95	199 <sup>95</sup>
AC-E60HG 6vdc 400ma AC adapter .....	22.99	
AN-1 LW/MW/SW outdoor active rcv ant .....	119.95	99 <sup>95</sup>
AN-3 Aircraft active receive antenna .....	99.95	89 <sup>95</sup>
AN-102 LW/MW/SW indoor active rcv ant ....	89.95	79 <sup>95</sup>
FDT-5BX5 5" color AC/DC television .....	m	269 <sup>95</sup>

Following are **SONY Consumer Products** from our **Audio Plus Division**. Please call them direct to order.  
Ph. (800) 462-9489 • (414) 235-8934  
**Also see AUDIO PLUS Display Ad**

## MINI DISC

MZ-E2 Mini disc player .....	\$549.99	449 <sup>95</sup>
MZ-E3 Player only .....	449.95	379 <sup>95</sup>
MZ-R2 Mini disc player/recorder .....	749.99	639 <sup>95</sup>
MZ-R3 Recorder .....	649.95	529 <sup>95</sup>

## DISC MAN

D-131 1 bit w/mega bass .....	\$139.99	99 <sup>95</sup>
D-143 Mega bass, nicads .....	129.95	97 <sup>95</sup>
D-235CK Car discman w/ESP .....	229.95	179 <sup>95</sup>
D-335 Top of the line car discman, 1 bit 2xESP ..	349.99	259 <sup>95</sup>
D-848 Super ESP & wireless remote .....	349.95	269 <sup>95</sup>

## AM/FM WALKMAN

SRFM33 Digital w/presets .....	\$ 39.99	34 <sup>95</sup>
SRF36 FM only .....	19.99	12 <sup>95</sup>

## AM/FM CASSETTE WALKMAN

WMFX407 Dig/presets/auto rev/Dolby/mega bass ..	\$ 89.99	69 <sup>95</sup>
WMFX507 Super Walkman! Dig/auto rev/Dolby ..	179.99	139 <sup>95</sup>

## SPORTS WALKMAN

SRF85 AM/FM only .....	\$ 49.99	34 <sup>95</sup>
SRFM70 Digital tuner w/10 presets .....	64.99	49 <sup>95</sup>
WMFS395 Top of the line! Dig/Dolby/water res ..	99.99	89 <sup>95</sup>

## PORTABLES

CFD8 AM/FM, CD, cassette .....	\$129.99	99 <sup>95</sup>
CFD610 Dig w/remotes/6 disc CD changer/hi pwr ..	349.99	269 <sup>95</sup>
CFD768 1 bit CD, dig, autoreverse, rem, 20w ..	389.99	299 <sup>95</sup>

## MICRO CASSETTES

M425 Pressman micro recorder .....	\$ 32.99	27 <sup>95</sup>
M727V VOR w/tape counter .....	69.99	56 <sup>95</sup>

## ANSWERING MACHINES

TAM50 Voice time & date stamp, rem call bk ..	\$129.99	69 <sup>95</sup>
ITA3000 Integrated phone/dig ans machine ..	299.99	219 <sup>95</sup>

## FEATURE PHONES

ITD10 Scratch pad memory .....	\$ 69.99	49 <sup>95</sup>
ITD20 2-line, distinctive ring for each line ....	99.99	79 <sup>95</sup>

## CORDLESS PHONES

SPP160 10 ch, spkr phone, 2-way intercom ..	\$249.99	149 <sup>95</sup>
SPPD15 2 line, 10 number memory .....	269.99	179 <sup>95</sup>
SPPX90 10 ch, top of the line, 2 phones in 1 ..	349.99	259 <sup>95</sup>

## SOUTH RIVER (UPS OK) (SOU)

HDT-3E-PPK 3' boxed tripod .....	Δmw \$ 19.95	
HDT-5E-PPK 5' boxed tripod .....	Δmw 29.95	

## STANDARD (STA)

C-178A 2m/440 FM HT/batt/cgr/TTP/CTCSS ..	\$459.00	399 <sup>95</sup>
FREE CMP-115 from Standard - C-178A thru 4/30/96		

## STANDARD - continued

C-228A 2m/220 FM HT/batt/cgr/TTP/CTCSS ..	695.00	599 <sup>95</sup>
\$30 coupon - C-228A thru 4/30/96 OR FREE CMP-115 from Standard - C-228A thru 4/30/96		
C-528A 2m/440 FM HT/batt/cgr/TTP/CTCSS ..	495.00	439 <sup>95</sup>
\$25 coupon - C-528A thru 4/30/96 OR FREE CMP-115 from Standard - C-528A thru 4/30/96		
C-558A 2m/440 FM HT/batt/cgr/TTP/CTCSS ..	665.00	549 <sup>95</sup>
\$30 coupon - C-558A thru 4/30/96 OR FREE CMP-115 from Standard - C-558A thru 4/30/96		
C-568A 2m/440/1.2 FM HT/batt/cgr/TTP/CTCSS ..	699.00	599 <sup>95</sup>
C-628A 440/1.2 FM HT/batt/cgr/TTP/CTCSS ..	727.00	669 <sup>95</sup>
CAX-02 Bottom cover .....	12.50	
CAX-03 Bottom cover .....	12.50	
CAW-150 Mobile power supply cable .....	18.00	
CAW-151 12vdc power supply cable .....	14.50	
CAW-152 Cig cord w/filter .....	30.50	
CBT-151 Battery case .....	22.00	
CBT-171 6 cell battery case .....	21.00	
CBT-175 2 cell battery case .....	17.00	
CHP-111 Headset mic w/PTT switch .....	48.00	
CHP-150 Headset mic w/VOX .....	87.50	
CMB-600 Helmet clip for CHP-150 .....	14.50	
CLC-171 Soft case for CNB-171 .....	30.00	
CLC-172 Soft case for CNB-172/173 .....	30.00	
CLC-175 Soft case for CBT-175 .....	30.00	
CLC-520 Std carrying case; 228A/528A .....	26.00	
CLC-521 Large carrying case; 228A/528A ..	29.00	
CLC-550 Standard carrying case; 558A .....	29.00	
CLC-551 Large carrying case; 558A .....	31.00	
CLC-555GN Green carrying case .....	Δf 35.00	24 <sup>95</sup>
CLC-555OR Orange carrying case .....	35.00	
CLC-560 Case; CBT-171/CNB-171; C-568A ..	27.00	
CLC-561 Case; CNB-172/173 with C-568A ..	27.00	
CLC-562 Leather case; CBT-171/CNB-171 ..	52.00	
CMB-111 Mobile bracket .....	22.00	
CMB-112 Mounting bracket .....	27.50	
CMC-150 Mobile charger .....	28.00	
CMP-111 Speaker/mic .....	58.00	
CMP-113 Tie-pin spkr/mic .....	48.00	
CMP-115 Mini speaker/mic .....	53.00	
CMP-123 Ear phone spkr/mic .....	63.00	
CMU-160 40 ch mem; 558A/168A ...Δmwfv	33.00	9 <sup>95</sup>
CMU-161 200 channel memory .....	48.00	
CNB-151 Extra 7.2v 700ma nicad batt .....	82.00	
CNB-152 12v 600ma nicad battery .....	99.00	
CNB-153 7.2v 1000ma nicad battery .....	99.00	
CNB-171 7.2v 700ma nicad battery .....	80.00	
CNB-172 12v 600ma nicad battery .....	127.00	119 <sup>95</sup>
CNB-175 7.2v 1100ma nicad battery .....	99.00	94 <sup>95</sup>
CSA-181A Desk rapid charger .....	128.00	119 <sup>95</sup>
C-168A Dlx sub-mini 2m FM HT/batt/cgr/TTP ..	469.00	314 <sup>95</sup>
C-468A Dlx sub-mini 440 FM HT/batt/cgr/TTP ..	480.00	339 <sup>95</sup>
FREE CMP-115 from Standard - C-468A thru 4/30/96		
CAX-03 Bottom cover .....	12.50	
CAX-160 Remote battery adapter ...Δmwf	52.00	14 <sup>95</sup>
CBT-160 Battery case .....	21.00	
CHP-111 Headset mic w/PTT switch .....	48.00	
CHP-150 Headset mic w/VOX .....	87.50	
CLC-160 Mini carrying case .....	26.50	
CLC-161 Mini carrying case .....	27.50	
CLC-162 Mini carrying case .....	28.00	
CMP-111 Speaker/mic .....	58.00	
CMP-113 Tie-pin spkr/mic .....	48.00	
CMP-115 Mini speaker/mic .....	53.00	
CMP-123 Ear phone spkr/mic .....	63.00	
CMU-161 200 channel memory .....	48.00	
CNB-160 Mini 6v 300ma nicad batt Δmwfv	72.00	34 <sup>95</sup>
CNB-161 Mini 7.2v 700ma nicad battery ...	78.00	
CNB-162 Mini 12v 600ma nicad battery ....	130.00	119 <sup>95</sup>
CNB-163 Mini 7.2v 1000ma nicad batt .....	95.00	
CSA-181A Desk rapid charger .....	128.00	119 <sup>95</sup>
C-188A Thin sub-mini 2m HT/TTP .....	Δfv 395.00	279 <sup>95</sup>
\$25 coupon - C-188A thru 4/30/96 OR FREE CMP-115 from Standard - C-188A thru 4/30/96		
C-288A Thin sub-mini 220 HT/batt/cgr/TTP ..	449.00	369 <sup>95</sup>
CBT-131 Battery case for 4 AA .....	18.00	
CBT-182 Battery case for 5 AA .....	28.00	
CHP-111 Headset mic w/PTT switch .....	48.00	



## STANDARD - continued

CHP-150	Headset mic w/VOX .....	87.50	
CLC-181	Carrying case w/CNB-181 .....	23.00	
CLC-182	Carrying case w/CNB-182/3/4 .....	25.00	
CMA-181	Mobile adapter .....	42.00	
CMP-111	Speaker/mic .....	58.00	
CMP-113	Tie-pin spkr/mic .....	48.00	
CMP-115	Mini speaker/mic .....	53.00	
CMP-123	Ear phone spkr/mic .....	63.00	
CMU-182	200 ch memory for C-188A/288A .....	48.00	
CNB-181	4.8v 700ma nicad battery .....	59.00	
CNB-182	9.6v 600ma nicad battery .....	115.00	104 <sup>95</sup>
CNB-183	6v 1100ma nicad battery .....	97.00	92 <sup>95</sup>
CNB-184	6v 700ma nicad battery .....	69.00	
CSA-181A	Desk rapid charger .....	128.00	119 <sup>95</sup>
C-108A	200mw 2m FM HT .....	269.00	224 <sup>95</sup>
<b>\$20 coupon - C-108A thru 4/30/96 OR</b>			
<b>FREE CMP-115 from Standard - C-108A thru 4/30/96</b>			
C-508A	280mw 2m/440 FM HT .....	345.00	284 <sup>95</sup>
CBH-160	Molded belt clip .....	12.50	
CHP-111	Headset mic w/PTT switch .....	48.00	
CHP-150	Headset mic w/VOX .....	87.50	
CLC-401	Standard soft case; C-108A .....	16.00	
CLC-402	Dlx soft case w/belt loop; C-108A .....	23.00	
CLC-502	Standard soft case; C-508A .....	18.00	
CLC-503	Deluxe soft case; C-108A/508A .....	19.00	
CMP-111	Speaker/mic .....	58.00	
CMP-113	Tie-pin spkr/mic .....	48.00	
CMP-115	Mini speaker/mic .....	53.00	
CMP-123	Ear phone spkr/mic .....	63.00	
CNB-401	Nicad battery .....	22.00	
CSA-401A	Desk charger .....	48.00	
C-1208DA	50w 2m FM Xcvr w/TTP .....	549.00	479 <sup>95</sup>
CAW-561	6.5' mic extension cable .....	36.00	
CAW-562	13' mic extension cable .....	48.00	
C-5718DA	50/40w 2m/440 FM Xcvr/packet .....	849.00	719 <sup>95</sup>
CAW-570	Split cable for microphone .....	63.00	
CAW-571	6.5' mic extension cable .....	49.00	
CAW-572	13' mic extension cable .....	54.00	
CAW-579	Packet cable .....	32.00	
CRC-5700	Front panel w/freq display .....	239.00	219 <sup>95</sup>
CAW-573	6.5' front panel extension cable .....	28.00	
CAW-574	13' front panel extension cable .....	39.00	
CSK-12	External speaker .....	47.00	

## STARTEK (STR)

1350	1-1300 MHz frequency counter .....	\$129.00	119 <sup>95</sup>
ATH-10	1-1200 MHz freq counter w/ATH .....	159.00	139 <sup>95</sup>
ATH-15	1-1500MHz bar graph freq counter .....	235.00	179 <sup>95</sup>
ATH-15/OS	1-1500MHz ctr w/1-shot opt ....Δm .....	275.00	199 <sup>95</sup>
ATH-15/OS/HS	1500MHz/1-shot/hi stab ....m .....	335.00	279 <sup>95</sup>
ATH-30	1-2800MHz bar graph ctr w/1-shot .....	299.00	239 <sup>95</sup>
ATH-30/HS	2800MHz/1-shot/hi-stability .....	399.00	339 <sup>95</sup>
ATH-50	5Hz-2800MHz br/auto trig/hi speed .....	339.00	289 <sup>95</sup>
ATH-50/HS	2800MHzr/trig/hi spd/hi stability .....	439.00	389 <sup>95</sup>
APA-9/VPA-9	9vdc auto power adapter .....	6.00	
BP-150	130 - 500 MHz bandpass filter .....	49.00	
CC-90	Carrying case .....	12.00	
DC-5	BNC to clip leads cable .....	12.00	
DC-10	Direct probe .....	22.00	
HP-400	400 - 1500 MHz bandpass filter .....	49.00	
HP-800	800 MHz - 2 GHz bandpass filter .....	49.00	
LP-22	Lo-pass probe .....	29.00	
LP-60	DC - 60 MHz bandpass filter .....	49.00	
M-207-IC	Interface cable .....	10.00	
P-110	200 MHz X1-X10 probe .....	69.00	39 <sup>95</sup>
RD-2750	27-50MHz rubber duck antenna .....	19.00	
RD-150	150MHz rubber duck antenna .....	16.00	
RD-450	450MHz rubber duck antenna .....	16.00	
RD-800	800MHz rubber duck antenna .....	16.00	
TA-90	Telescopic antenna .....	12.00	
TA-90L	Right angle telescopic antenna .....	16.00	

## SWIECH (SWE)

COY2M3EL	3 element 2m beam .....	\$ 64.95	
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## TAB Books (TAB)

447748	Shortwave Listener's Q & A Book .....	\$ 12.95	
633626	Radio Amateur's Digital Comm Handbook .....	14.95	
640967	Amateur Radio Encyclopedia .....	29.95	
641351	Shortwave Radio Listening for Beginners .....	12.95	

## Reg Sale

## TAB - continued

643478	Complete SW Listener's Handbook ....	19.95	
643540	Beginner's Handbook of Amateur Radio .....	22.95	
765340	Build Your Own Shortwave Antennas .....	16.95	

## TIMEWAVE (TIM)

DSP-9	Digital signal processing unit .....	\$169.00	
DSP-9 PLUS	Advanced dig sig processing unit .....	209.00	199 <sup>95</sup>
DSP-59 PLUS	Dlx dig signal processing unit .....	269.00	259 <sup>95</sup>
DSP-599zx	All-mode DSP noise filter .....	349.00	339 <sup>95</sup>
Upgrade 3.0	DSP-9 to ver 3.0 upgrade kit ..m .....	30.00	

## TRIPP LITE (TRI)

PR-7	5A power supply, 7A surge .....	\$ 55.00	47 <sup>95</sup>
PR-10	7.5A power supply, 10A surge .....	79.00	63 <sup>95</sup>
PR-12	9A power supply, 12A surge .....	85.00	68 <sup>95</sup>
PR-20	16A power supply, 20A surge .....	114.00	94 <sup>95</sup>
PR-30	24A power supply, 30A surge .....	172.00	129 <sup>95</sup>
PR-40	32A power supply, 40A surge .....	211.00	166 <sup>95</sup>
PR-50	37A power supply, 50A surge .....	262.00	199 <sup>95</sup>
PR-60	48A power supply, 60A surge .....	309.00	237 <sup>95</sup>
BC PERS-280	Standby UPS 280VA, 2 outlets .....	137.00	123 <sup>95</sup>
BC PERS-420	Standby UPS 420VA, 2 outlets .....	189.00	169 <sup>95</sup>
BC INTERNET-450	Stdby UPS 450VA, net protect .....	209.00	188 <sup>95</sup>
SUPER-7	7 outlet surge suppressor .....	29.95	23 <sup>95</sup>
SUPER-7+TEL	7 outlet/fax modem surge .....	39.95	29 <sup>95</sup>
TR-6	6 outlet super surge suppressor .....	59.95	46 <sup>95</sup>
ISOBAR-6	6 outlet premium surge suppressor .....	79.95	59 <sup>95</sup>
MT-6+	6 outlet console surge suppressor .....	149.95	115 <sup>95</sup>

## TUBES (TUB)

6146B	Tube .....	each	\$ 14.95
12BY7A	Tube .....	each	12.95
3-500G	High dissipation tube (3-500Z) ..each		109.95
572B	For Yaesu, etc. ....each		49.95
811A	For Collins, etc. ....each		14.95

Also see EIMAC

## TUNE BELT (TUN)

HH-1PS	Up to 5' HT radio belt .....	\$ 19.95	
HH-1PM	Up to 6' HT radio belt .....	19.95	
HH-1PL	Up to 7' HT radio belt .....	19.95	
HH-2PM	Up to 6' HT radio belt w/batt pocket .....	21.95	
HH-2PL	Up to 8' HT radio belt w/batt pocket .....	21.95	

## US TOWER (UST)

Reg Sale

FREE STANDING CRANK-UPS (TX not recommended)

TX-438	38' crank-up tower .....	T 1133.00	1019
TX-455	55' crank-up tower .....	T 1710.00	1499
TX-472	72' crank-up tower .....	T 2810.00	2529
TX-472MDP	72' crank-up w/motor drive .....	T 4521.00	4068
TX-489	89' crank-up tower .....	T 4888.00	4399
TX-489MDPL	89' crank-up w/motor drive .....	T 7332.00	6598

FREE STANDING HEAVY DUTY CRANK-UP TOWERS

HDX-538	38' crank-up tower .....	T 1466.00	1319
HDX-555	55' crank-up tower .....	T 2566.00	2309
HDX-572	72' crank-up tower .....	T 4399.00	3959
HDX-572MDPL	72' crank-up w/motor drive .....	T 6721.00	6048
HDX-589MDPL	89' crank-up w/motor drive .....	T 8799.00	7919
HDX-689MDPL	89' HD crank-up w/motor .....	T 16999.00	15299
HDX-5106MDPL	106' HD crank-up w/motor .....	T 18499.00	16649

COMPACT TMM (Top mount rotor for full retraction)

TMM-433SS	33' crank-up tower .....	T 1210.00	1089
TMM-433HD	33' HD crank-up tower .....	T 1466.00	1319
TMM-541SS	41' crank-up tower .....	T 1588.00	1429

ACCESSORIES FOR CRANK-UP TOWERS

CX-2	Coax arms (2) for 2-section tower .....	\$ 49.00	
CX-3	Coax arms (3) for 3-section tower .....	69.00	
CX-4	Coax arms (4) for 4-section tower .....	109.00	
CX-5	Coax arms (5) for 5-section tower .....	149.00	134
CX-6	Coax arms (6) for 6-section tower .....	189.00	170
HDP	Service platform .....	T 739.00	665
STS-4	Rotor accessory for TX/TMM towers .....	T 210.00	189
IV-16	Inverted vee arm for MA's .....	37.00	
M-5	2" OD 5' mast extension for MA's .....	36.00	
M-10	2" OD 10' mast .....	T 69.00	
M-15	2" OD 15' mast .....	T 103.00	
M-20	2" OD 20' mast .....	T 136.00	122
M-15R	2" OD 15' reinforced mast .....	T 155.00	140

## US TOWER - continued

M-20R	2" OD 20' reinforced mast .....	T 205.00	184
CM-20	2" OD 20' .375 wall mast .....	T 449.00	404
MD-75	Heavy duty 1 HP motor drive .....	T 989.00	890
MDP-750	Pull-down drive; TX-472/HDX-555 T .....	1539.00	1385
MDPL-1000	Pull-down drive; HDX-572 .....	T 2089.00	1880
MRF	Mast raising fixture .....	266.00	239
MCL-100	Limit switch package .....	432.00	388
RMC-1000	Remote control w/limit switch .....	989.00	890
RP-3	Rotor plate for 10" section .....	20.00	
RP-4	Rotor plate for 12½" section .....	26.00	
RP-5	Rotor plate for 15" section .....	32.00	
TRX-80	Raising fixture; TX-438/455; HDX-538/555 .....	T 431.00	387
TRX-80HD	Raising fixture; TX-472/489; HDX-572/589 .....	T 567.00	510
TRX-100HD	Raising fixture; HDX-689/5106 .....	T 799.00	719
TB-2US	Thrust bearing; 2" mast w/2 flange holes .....	98.00	

## MA-SERIES TUBULAR TOWERS

MA-40	40' crank-up mast .....	†T \$899.00	679
MA-550	55' crank-up mast .....	†T 1521.00	1069
MA-550MDP	55' crank-up mast w/motor .....	T 2909.00	2618
MA-770	70' crank-up mast .....	T 2509.00	2258
MA-770MDP	70' crank up mast w/motor .....	T 3969.00	3572
MA-850MDP	85' crank-up mast w/motor .....	T 5349.00	4814

## MA-SERIES ACCESSORIES

CX-2M	Coax arms (2) for MA-40 .....	\$ 53.00	
CX-3M	Coax arms (3) for MA-550 .....	79.00	
CX-4M	Coax arms (4) for MA-770 .....	132.00	119
CX-5M	Coax arms (5) for MA-850 .....	159.00	143
MAB-40	Hinged base for MA-40 .....	T 359.00	323
MAB-550	Hinged base for MA-550 .....	T 429.00	386
MAB-770	Hinged base for MA-770 .....	T 519.00	467
MAB-850	Hinged base for MA-850 .....	T 629.00	566
MAF-40	Raising fixture for MA-40 .....	220.00	198
MAF-550	Raising fixture for MA-550 .....	T 304.00	273
MAF-770	Raising fixture for MA-770 .....	T 309.00	278
MAF-850	Raising fixture for MA-850 .....	T 409.00	368
MARB-40	Rotor base accessory for MA-40 .....	T 549.00	494
MARB-550	Rotor base accessory for MA-550 .....	T 649.00	584
MARB-770	Rotor base accessory for MA-770 .....	T 769.00	692
MARB-850	Rotor base accessory for MA-850 .....	T 909.00	818

All US TOWER products are drop-shipped (shipped direct to you from the US TOWER factory). On these factory drop-shippments we prefer payment in full with order, however, we will accept your credit card with the understanding that we will process the charge when we order the merchandise from the factory. This means that you may be billed before you receive your drop-shipped merchandise. Shipment is FOB Visalia, California via truck, COD for freight charges only. Freight charges will be collected upon delivery by the carrier. Please allow sufficient time for delivery on these special order products. Most truck lines will not unload the tower for you, so please be sure to have enough manpower and/or equipment on hand when your tower is delivered by the carrier.

## UNADILLA (See W2AU)

## UNIDEN (UNI)

HR-2510	25w 10m FM/SSB Xcvr .....	\$229.95	
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## Unified Microsystems (UNM)

W9XT	Contest card for IBM PC & compatible .....	\$149.95	139 <sup>95</sup>
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## Universal Towers (UNT)

4-30	4 sq ft wind load 30' alum tower .....	T \$335.00	302
9-30	9 sq ft wind load 30' alum tower .....	T 451.00	406
12-30	12 sq ft wind load 30' alum tower .....	T 593.00	534
21-30	21 sq ft wind load 30' alum tower .....	T 704.00	634
23-30	23 sq ft wind load 30' alum tower .....	T 932.00	839
35-30	35 sq ft wind load 30' alum tower .....	T 1050.00	945
4-40	4 sq ft wind load 40' alum tower .....	T 562.00	506
7-40	7 sq ft wind load 40' alum tower .....	T 706.00	635
9-40	9 sq ft wind load 40' alum tower .....	T 787.00	708
12-40	12 sq ft wind load 40' alum tower .....	T 932.00	839

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for late model SSB & FM gear  
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Call for our Quote • Today!



## UNIVERSAL - continued

Reg Sale

15-40	15 sq ft wind load 40' alum tower	1042.00	938
21-40	21 sq ft wind load 40' alum tower	1157.00	1041
23-40	23 sq ft wind load 40' alum tower	1385.00	1247
4-50	4 sq ft wind load 50' alum tower	792.00	713
5-50	5 sq ft wind load 50' alum tower	900.00	810
7-50	7 sq ft wind load 50' alum tower	1013.00	912
9-50	9 sq ft wind load 50' alum tower	1126.00	1013
15-50	15 sq ft wind load 50' alum tower	1496.00	1346
16-50	16 sq ft wind load 50' alum tower	1614.00	1453
4-60	4 sq ft wind load 60' alum tower	1127.00	1014
6-60	6 sq ft wind load 60' alum tower	1382.00	1244
7-60	7 sq ft wind load 60' alum tower	1471.00	1324
9-60	9 sq ft wind load 60' alum tower	1577.00	1419
3-70	3 sq ft wind load 70' alum tower	1469.00	1322
4-70	4 sq ft wind load 70' alum tower	1805.00	1625
6-70	6 sq ft wind load 70' alum tower	1838.00	1654
7-70	7 sq ft wind load 70' alum tower	1922.00	1729
3-80	3 sq ft wind load 80' alum tower	1920.00	1728
4-80	4 sq ft wind load 80' alum tower	2293.00	2064
2-90	2 sq ft wind load 90' alum tower	2375.00	2138
B-14	Base for tower	60.58	55
B-18	Base for tower	60.58	55
B-22	Base for tower	106.04	95
B-26	Base for tower	136.33	123
RFM-14	Flat roof mt for guyed tower	42.32	38
RFM-18	Flat roof mt for guyed tower	66.69	60
RFM-22	Flat roof mt for guyed tower	99.96	90
RFM-26	Flat roof mt for guyed tower	133.33	120
R-11	Rotor mount	30.27	27
R-14	Rotor mount	45.33	41
R-18	Rotor mount	60.58	55

### SEE LITERATURE FOR CONFIGURATION OF TOWERS

11 Top	11" top tower section	113.66	102
14 Top	14" top tower section	143.22	129
18 Top	18" top tower section	259.72	234
14 Taper	14" taper tower section	126.00	113
18 Taper	18" taper tower section	226.00	203
22 Taper	22" taper tower section	337.00	303
26 Taper	26" taper tower section	453.00	408
11 Straight	11" straight tower section	112.00	101
14 Straight	14" straight tower section	126.00	113
18 Straight	18" straight tower section	226.00	203
22 Straight	22" straight tower section	337.00	303
26 Straight	26" straight tower section	453.00	408
HD35-40	35 sq ft wind load 40' alum tower	1616.00	1454
HD21-50	21 sq ft wind load 50' alum tower	1724.00	1552
HD9-60	9 sq ft wind load 60' alum tower	1808.00	1627
HD16-60	16 sq ft wind load 60' alum tower	2178.00	1960
HD21-60	21 sq ft wind load 60' alum tower	2295.00	2065
HD8-70	8 sq ft wind load 70' alum tower	2034.00	1831
HD12-70	12 sq ft wind load 70' alum tower	2519.00	2267
HD17-70	17 sq ft wind load 70' alum tower	2749.00	2474
HD21-70	21 sq ft wind load 70' alum tower	2864.00	2578
HD8-80	8 sq ft wind load 80' alum tower	2603.00	2343

Hi! I'm BOB KG7D...

Lines busy??

Afternoon hours are the best bet for Prompt Phone Service!

## UNIVERSAL - continued

Reg Sale

HD9-80	9 sq ft wind load 80' alum tower	2716.00	2444
HD11-80	11 sq ft wind load 80' alum tower	3085.00	2777
HD12-80	12 sq ft wind load 80' alum tower	3090.00	2781
HD16-80	16 sq ft wind load 80' alum tower	3317.00	2985
HD4-90	4 sq ft wind load 90' alum tower	2710.00	2439
HD8-90	8 sq ft wind load 90' alum tower	3198.00	2878
HD11-90	11 sq ft wind load 90' alum tower	3656.00	3290
HD4-100	4 sq ft wind load 100' alum tower	3630.00	3267
HD8-100	8 sq ft wind load 100' alum tower	3884.00	3496
B-30	Base for HD tower	212.57	191
RFM-30	Flat roof mt for guyed tower	186.52	168
1-5/8SC	Flange bearing	90.70	81
2-3/16SC	Flange bearing	116.52	104
Top Plate	Flange plate welded to top section	21.24	19

### SEE LITERATURE FOR CONFIGURATION OF TOWERS

30 Taper	30" taper tower section	570.00	513
30 Straight	30" straight tower section	570.00	513
1-1/4" OD	x 10 ft aluminum mast	30.27	27
1-1/2" OD	x 10 ft aluminum mast	37.84	34
2" OD	x 8 ft aluminum mast	45.41	41
2" OD	x 16 ft aluminum mast	90.88	82

All UNIVERSAL TOWERS products are drop-shipped (shipped direct to you from the UNIVERSAL TOWERS factory). On these factory drop-shippings we prefer payment in full with order, however, we will accept your credit card with the understanding that we will process the charge when we order the merchandise from the factory. This means that you may be billed before you receive your drop-shipped merchandise. Shipment is FOB Mt. Clemens, Michigan via truck, COD for freight charges only. Freight charges will be collected upon delivery by the carrier. Please allow sufficient time for delivery on these special order products. Most truck lines will not unload the tower for you, so please be sure to have enough manpower and/or equipment on hand when your tower is delivered by the carrier.

## VALOR (See PRO AM/Vectronics)

### VANCO (VCO)

SWR-1	SWR/field strength meter	\$ 36.14	19 <sup>95</sup>
SWR-2	SWR/power/field strength meter	50.15	29 <sup>95</sup>
SWR-3	Mini SWR meter	21.68	14 <sup>95</sup>

### VAN GORDEN (VAN)

Hi-Q 1:1	balun	\$ 14.95	
Hi-Q 4:1	balun	14.95	
Antenna center	insulator	6.95	
Antenna end	insulator	each 3.95	
Dog bone type	antenna insulator	each .55	
NR-100	Nylon antenna guy rope	100 ft. 4.49	
NR-1,000	Nylon ant guy rope	1,000 ft. 43.95	39 <sup>95</sup>
D-80	80m wire dipole antenna	31.95	
SD-80	Short 80m dipole	35.95	
D-40	40m wire dipole antenna	28.95	
SD-40	Short 40m dipole	33.95	
D-20	20m wire dipole antenna	27.95	
D-15	15m wire dipole antenna	26.95	
D-10	10m wire dipole antenna	25.95	

All Bander	Dipole 160-10m (w/tuner) 135' ant	29.95	
Shorty All Bander	160-10m (w/tuner) 70' ant	44.95	
G5RV	Flat-top 5-band 102' antenna w/cable	50.00	
N connector	Type N connector for 9913	4.95	
450 ohm	18ga solid ladderline	100 ft. 12.00	
450 ohm	18ga solid ladderline	1,000 ft. 110.00	99 <sup>95</sup>
RG-213	Non-contaminating	per ft. 46 <sup>95</sup>	
RG-213/500	Non-contaminating .500 ft. Roll	199.95	179 <sup>95</sup>
8X-3ST	3' RG-8X coax/silver teflon PL259s	8.50	
8X-6ST	6' RG-8X coax/silver teflon PL259s	10.00	

## VAN GORDEN - continued

Reg Sale

8X-12ST	12' RG-8X coax/silver teflon PL259s	11.00	
8X-25ST	25' RG-8X coax/silver teflon PL259s	15.50	
8X-50ST	50' RG-8X coax/silver teflon PL259s	24.00	
8X-75ST	75' RG-8X coax/silver teflon PL259s	31.00	
8X-100ST	100' RG-8X coax/silver teflon PL259s	37.00	
213-3ST	3' RG-213 coax/silver teflon PL259s	11.00	
213-6ST	6' RG-213 coax/silver teflon PL259s	14.00	
213-12ST	12' RG-213 coax/silver teflon PL259s	18.00	
213-25ST	25' RG-213 coax/silver teflon PL259s	25.00	
213-50ST	50' RG-213 coax/silver teflon PL259s	38.00	
213-75ST	75' RG-213 coax/silver teflon PL259s	54.00	
213-100ST	100' RG-213 coax/silver teflon PL259s	72.00	

## Vectronics by VALOR (VAL)

VC-300M	300w mobile antenna tuner	\$139.95	119 <sup>95</sup>
VC-300DLP	300w antenna tuner	169.95	144 <sup>95</sup>
VC-300D	300w digital antenna tuner	219.95	186 <sup>95</sup>
HFT-1500	1.5kw antenna tuner	459.95	389 <sup>95</sup>
AT-100	.3-30 MHz active antenna/tuner	85.95	74 <sup>95</sup>
Vector 500	600w HF amplifier	1395.00	1195
HF-600QSK	1kw HF amplifier w/QSK	1995.00	159
HPF-1	High pass filter	19.95	17 <sup>95</sup>
LP-30	1.5kw low pass filter	69.95	59 <sup>95</sup>
LP-2500	2.5kw low pass filter	139.95	119 <sup>95</sup>
CK-200	Deluxe keyer	89.95	79 <sup>95</sup>
DL-300M	300w dummy load	43.95	39 <sup>95</sup>
DL-650M	1.5kw dummy load	74.95	64 <sup>95</sup>
DL-2500	2.5kw dummy load	199.95	169 <sup>95</sup>
PM-30HF	300/3kw HF wattmeter	99.95	84 <sup>95</sup>
PM-30UV	30/300w VHF/UHF wattmeter	99.95	84 <sup>95</sup>

## VIBROPLEX (VIB)

090	Original Gold Bug	\$299.95	289 <sup>95</sup>
100	Original Presentation Super deluxe bug	259.95	249 <sup>95</sup>
105	Original Deluxe Bug	174.95	
110	Original Standard Bug	139.95	
113	VibroKeyer Gold Paddle	279.95	269 <sup>95</sup>
115	VibroKeyer Deluxe Paddle	169.95	
120	VibroKeyer Standard Paddle	129.95	
123	Iambic Gold Paddle	279.95	269 <sup>95</sup>
125	Iambic Presentation Paddle	249.95	239 <sup>95</sup>
130	Iambic Deluxe Paddle	169.95	
135	Iambic Standard Paddle	129.95	
140	EK-1 Iambic keyer w/paddle	144.95	
145	Brass Racer Iambic paddle	89.95	

## W2AU (Unadilla) (W2A)

W2AU 1:1	160-10m balun, lightning arrestor	\$ 24.00	
W2AU Beam Balun	1:1	24.00	
W2AU 4:1	160-10m balun, lightning arrestor	24.00	
W2DU-HF	1:1 1.8-30 MHz choke balun	26.00	
W2DU Beam Balun	40-10m 1:1 choke balun	26.00	
W2DU-VHF	1:1 30-250 MHz choke balun	26.00	
HA	AN-sulator center insulator	9.00	
HE	END-sulator end insulators	pair 4.95	
KW-80CW	Reyco 80m CW ant traps	pair 48.00	
KW-80F	Reyco 75m phone ant traps	pair 48.00	
KW-40	Reyco 40m antenna traps	pair 42.00	
KW-30	Reyco 30m antenna traps	pair 42.00	
KW-20	Reyco 20m antenna traps	pair 41.00	
KW-17	Reyco 17m antenna traps	pair 41.00	
KW-15	Reyco 15m antenna traps	pair 41.00	
KW-12	Reyco 12m antenna traps	pair 41.00	
KW-10	Reyco 10m antenna traps	pair 41.00	
W2AU/W2VS	5-band ant kit (use tuner)	85.00	

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## W5YI (W5Y)

GWAM	Gordon West Advanced study manual	\$ 11.95
GWEM	Gordon West Extra study manual	9.95
GWET	Gordon West Extra code tapes	9.95
GWGM	Gordon West General study manual	9.95
GWGT	Gordon West General code tapes	9.95
GWGW	Gordon West General theory tapes	9.95
GWHC	Gordon West Ham Class video	19.95
GWNC	Gordon West No-Code Tech manual	9.95
GWNT	Gordon West Novice Code Teacher	9.95
GWNW	Gordon West Novice theory tapes	9.95
GWTW	Gordon West Tech theory tapes	9.95

## WABER AC OUTLET STRIPS (WAB)

3SP	3 outlet/breaker/switch/light	Δm	\$ 16.60	4 <sup>95</sup>
4S	4 outlet/breaker/switch	Δm	16.60	4 <sup>95</sup>
5	5 outlet w/breaker	Δm	16.60	4 <sup>95</sup>
6SP	6 outlet/breaker/switch/light	Δm	19.95	6 <sup>95</sup>
7S	7 outlet/breaker/switch	Δm	19.95	6 <sup>95</sup>

## WAHL (WAH)

7740	Quick charge cordless soldering iron kit	\$ 39.95	34 <sup>95</sup>
7980	Butane soldering iron and torch	29.95	
7985	Butane iron/torch kit package w/case	54.95	49 <sup>95</sup>

## WALNUT CREEK (WAL)

<b>CICA</b>	650 MB of current Windows shareware	\$ 29.95	
<b>Garbo</b>	250 MB DOS + 150 MB Mac programs	29.95	
<b>Giga Games</b>	3,000 DOS/Windows games	39.95	29 <sup>95</sup>
<b>Ham QRZ</b>	US & Canada calls plus programs	29.95	
<b>Hobbes</b>	Thousands of OS/2 applications	29.95	
<b>Simtel</b>	650 MB current DOS programs	34.95	29 <sup>95</sup>

## WELLER (WEL)

7200PK	75w soldering gun kit .....	\$ 25.46	
EC-1002-1	40w temp controlled solder stn ...	225.81	199 <sup>95</sup>
WP-25	25w professional soldering iron .....	30.06	
W-60P	60w temp controlled soldering iron ...	57.45	
WTCPT	60w temp controlled soldering stn ...	128.73	109 <sup>95</sup>
WSTA3	Pyrophen portable LP soldering iron .....	98.06	89 <sup>95</sup>
WST2	Pyrophen Jr. portable butane iron .....	78.74	69 <sup>95</sup>

## YAESU (YAE)

FT-1000MP/DC	9-band Xcvr/EDSP/tuner	3399.00	2699 <sup>95</sup>
FT-1000MP	9-band Xcvr/EDSP/tuner/ps	3699.00	2899 <sup>95</sup>
DVS-2	Digital voice recording module	329.00	289 <sup>95</sup>
MD-100A8X	Desk mic w/tone control	139.00	129 <sup>95</sup>
MH-31B8	Extra hand microphone	40.00	
SP-8	External speaker w/filters	179.00	169 <sup>95</sup>
LL-7	Phone patch unit for SP-8	159.00	149 <sup>95</sup>
TCXO-4	TCXO unit	119.00	109 <sup>95</sup>
TCXO-6	Deluxe TCXO unit, 0.5 ppm	249.00	229 <sup>95</sup>
YF-110CN	250 Hz 3rd IF main Rcvr CW filt	189.00	169 <sup>95</sup>
YF-110SN	2 KHz 3rd IF main Rcvr SSB filt	179.00	159 <sup>95</sup>
YF-114CN	250 Hz 2nd IF main Rcvr CW filt	179.00	159 <sup>95</sup>

Reg Sale

## YAESU - continued

YF-114SN	2 KHz 2nd IF main Rcvr SSB filt	179.00	159 <sup>95</sup>
YF-115C	500 Hz CW Collins mech filter	189.00	169 <sup>95</sup>
YH-77ST	Open-air type stereo headphones	55.00	
FT-1000	Xcvr w/ps/tuner/keyer/mic/XF-AB	4479.00	3399 <sup>95</sup>
\$200 coupon - FT-1000 thru 4/30/96			
BPF-1	Dual bandpass filter; crossband rcv	199.00	179 <sup>95</sup>
TCXO-1	Temperature compensated xtal osc	249.00	229 <sup>95</sup>
XF-C	2.4 KHz SSB xtal filter (455 KHz)	179.00	159 <sup>95</sup>
XF-D	2 KHz SSB xtal filter (455 KHz)	179.00	159 <sup>95</sup>
YF-110C/XF-E	500 Hz CW xtal filter (455 KHz)	179.00	159 <sup>95</sup>
FT-1000D	Dlx Xcvr w/BPF/TCXO/XF-ABCDE	5549.00	4299 <sup>95</sup>
\$200 coupon - FT-1000D thru 4/30/96			
DVS-2	Digital voice recording module	329.00	289 <sup>95</sup>
FIF-232C	Interface for RS-232	129.00	119 <sup>95</sup>
MD-1C8	Desk microphone	139.00	129 <sup>95</sup>
MD-100A8X*	Desk mic w/tone control	139.00	129 <sup>95</sup>
*Requires mod			
SP-5	External spkr w/audio filter	179.00	169 <sup>95</sup>
LL-5	Phone patch unit for SP-5	159.00	149 <sup>95</sup>
XF-455MC	600Hz CW filter (455KHz); subrcvr	189.00	169 <sup>95</sup>
YF-110CN/XF-F	250 Hz CW xtal filter (455 KHz)	189.00	169 <sup>95</sup>
YH-77ST	Open-air type stereo headphones	55.00	
FT-990DC	Xcvr w/tuner & mic	2319.00	1869 <sup>95</sup>
\$200 coupon - FT-990DC thru 4/30/96			
FP-25	Internal power supply for FT-990DC	369.00	329 <sup>95</sup>
FP-800	20A heavy duty ps for FT-990DC	329.00	289 <sup>95</sup>
XF-109C	500 Hz CW filter for FT-990DC	149.00	139 <sup>95</sup>
FT-990	Xcvr w/ps/tuner/mic/CW filter	2759.00	2199 <sup>95</sup>
\$200 coupon - FT-990 thru 4/30/96			
DVS-2	Digital voice recording module	329.00	289 <sup>95</sup>
FIF-232C	Interface for RS-232	129.00	119 <sup>95</sup>
MD-1C8	Desk microphone	139.00	129 <sup>95</sup>
MD-100A8X*	Desk mic w/tone control	139.00	129 <sup>95</sup>
*Requires mod			
SP-6	External speaker w/filter	179.00	169 <sup>95</sup>
LL-5	Phone patch unit for SP-6	159.00	149 <sup>95</sup>
TCXO-2	Temp compensated xtal oscillator	219.00	199 <sup>95</sup>
XF-10.9M-202-01	2nd IF 2 KHz SSB filter	149.00	139 <sup>95</sup>
XF-110CN	455 KHz 250 Hz CW filter	189.00	169 <sup>95</sup>
YH-77ST	Open-air type stereo headphones	55.00	
SP-767P	Speaker/patch for FT-767GX	139.00	129 <sup>95</sup>
FT-900	Xcvr/remote front panel/mic	1519.00	1249 <sup>95</sup>
\$100 coupon - FT-900 thru 4/30/96			
YSK-900 remote kit FREE with FT-900! Limited Time!			
ATU-2	Internal antenna tuner	279.00	249 <sup>95</sup>
FT-900/AT	Xcvr/rem front/mic/auto tuner	1719.00	1369 <sup>95</sup>
\$100 coupon - FT-900/AT thru 4/30/96			
YSK-900 remote kit FREE with FT-900/AT! Limited Time!			
XF-115S-01	2.75KHz SSB Collins mech filt	189.00	169 <sup>95</sup>
FT-900/C	Xcvr/rem fnt/mic/Collins SSB filter	1617.00	1329 <sup>95</sup>
\$100 coupon - FT-900/C 4/1/96 thru 4/30/96			
YSK-900 remote kit FREE with FT-900/C! Limited Time!			

Reg Sale

## YAESU - continued

FT-900/CAT	Xcvr/rem fnt/mic/tune/Collins SSB filt	1819.00	1499 <sup>95</sup>
\$100 coupon - FT-900/CAT 4/1/96 thru 4/30/96			
YSK-900 remote kit FREE with FT-900/CAT! Limited Time!			
FP-800	20A heavy duty power supply .....	329.00	289 <sup>95</sup>
CT-26	Mic adapter cable; modular to 8-pin .....	15.00	
DVS-2	Digital voice recording module .....	329.00	289 <sup>95</sup>
FC-800	External long wire auto tuner .....	539.00	469 <sup>95</sup>
FIF-232C	Interface for RS-232 .....	129.00	119 <sup>95</sup>
MD-1C8	Desk microphone .....	139.00	129 <sup>95</sup>
MD-100A8X*	Desk mic w/tone control .....	139.00	129 <sup>95</sup>
*Requires mod			
CT-20	Mic cable for use with MD-1C8 .....	15.00	
MH-31A8J	Extra hand microphone .....	40.00	
MMB-20	Mobile mount .....	30.00	
SP-6	External speaker w/filter .....	179.00	169 <sup>95</sup>
LL-5	Phone patch unit for SP-6 .....	159.00	149 <sup>95</sup>
SP-7	Mobile speaker .....	39.00	
TCXO-3	TCXO unit .....	119.00	109 <sup>95</sup>
XF-110C	455 KHz 500 Hz CW filter .....	179.00	159 <sup>95</sup>
XF-110CN	455 KHz 250 Hz CW filter .....	189.00	169 <sup>95</sup>
XF-110S	455 KHz 2.6 KHz SSB filter .....	189.00	169 <sup>95</sup>
YF-100	2nd IF 500 Hz CW filter .....Dmwf	139.00	109 <sup>95</sup>
YF-101	2nd IF 2.6 KHz SSB filter .....	179.00	169 <sup>95</sup>
YA-007FG	Mobile fg 3-30 MHz whip ant .....	159.00	149 <sup>95</sup>
YH-77ST	Open-air type stereo headphones .....	55.00	
YSK-900	20' remote mtg kit w/tkn mtg bkt .....	59.00	
MMB-62	Remote control panel bracket ....	29.00	
FRB-757	External relay box for FT-890 .....	39.00	
XF-455K-251-01	250Hz CW filt; FT-890 ..Dmf	189.00	149 <sup>95</sup>
FT-840	Xcvr/SW Rcvr .....	1099.00	899 <sup>95</sup>
\$100 coupon - FT-840 thru 4/30/96			
FP-800	20A heavy duty power supply .....	329.00	289 <sup>95</sup>
FC-10	External coax fed auto tuner .....	399.00	349 <sup>95</sup>
FC-800	External long wire auto tuner .....	539.00	469 <sup>95</sup>
FIF-232C	Interface for RS-232 .....	129.00	119 <sup>95</sup>
FM-747	FM unit .....	79.00	
MD-1C8	Desk microphone .....	139.00	129 <sup>95</sup>
MD-100A8X*	Desk mic w/tone control .....	139.00	129 <sup>95</sup>
*Requires mod			
MMB-20	Mobile mount .....	30.00	
SP-6	External speaker w/filter .....	179.00	169 <sup>95</sup>
SP-7	Mobile speaker .....	39.00	
TCXO-4	TCXO unit .....	119.00	109 <sup>95</sup>
YA-007FG	Mobile fiberglass HF whip ant ....	159.00	149 <sup>95</sup>
YF-112A	6 KHz AM filter .....	139.00	129 <sup>95</sup>
YF-112C	500 Hz CW filter .....	139.00	129 <sup>95</sup>
YH-77ST	Open-air type stereo headphones .....	55.00	
FP-700	Power supply .....	279.00	239 <sup>95</sup>
FC-757AT	Auto ant tuner w/memory .....	585.00	499 <sup>95</sup>
FL-7000	Solid state amp w/auto ant tuner ...	2459.00	2099 <sup>95</sup>
CT-11	Cable - FL-7000 to FT-890/900 .....	20.00	
E-767	Cable - FL-7000/FT-767/990/1000/MP .....	25.00	
FAS-1-4R	Remote antenna selector .....	149.00	139 <sup>95</sup>

Reg Sale

NO. 0000

DATE \_\_\_\_\_ 19\_\_

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What could be easier or more appropriate for any Radio Amateur?





# **YAESU - continued**

	Reg	Sale
FRG-100B .1-30 MHz shortwave receiver .....	739.00	599 <sup>95</sup>
<b>\$25 coupon - FRG-100B 4/1/96 thru 4/30/96</b>		
FM Unit-100 FM unit .....	49.00	
TCXO-4 TCXO unit .....	119.00	109 <sup>95</sup>
YF-110C/XF-E 500 Hz CW xtal filter .....	179.00	159 <sup>95</sup>
YF-110CN/XF-F 250 Hz CW xtal filter .....	189.00	169 <sup>95</sup>
XF-455MB 600 Hz CW filter; FT-650 ....Δmwv	169.00	129 <sup>95</sup>
YA-30 1.8-30 MHz broadband dipole ant .....	255.00	219 <sup>95</sup>
YH-55 Lo-Z headphones .....	40.00	
YH-77 Lightweight headphones .....	34.00	
YS-60 1.8-60 MHz 2kw PEP wattmeter .....	139.00	129 <sup>95</sup>
YS-500 140-520 MHz 200w PEP wattmeter ...	119.00	109 <sup>95</sup>
FT-736R 25w 2m/430 full dplx Xcvr/ps/mic ..	2499.00	1869 <sup>95</sup>
AD-3 100w 2m/440 duplexer .....	56.00	
E-736 DC cable .....	15.00	
FEX-736-50 6m module .....	349.00	309 <sup>95</sup>
FEX-736-220 220 MHz module .....	369.00	329 <sup>95</sup>
FEX-736-1.2 1.2 GHz module .....	619.00	539 <sup>95</sup>
FIF-232C Interface for RS-232 .....	129.00	119 <sup>95</sup>
FTS-8 Encoder/decoder .....	59.00	
FVS-1A Voice synthesizer .....	39.00	
Keyer-B Electronic keyer unit .....	29.00	
MD-1C8 Desk microphone .....	139.00	129 <sup>95</sup>
MH-1B8 Extra hand microphone .....	39.00	
SP-767 Speaker w/audio filters .....	119.00	109 <sup>95</sup>
TV-736 1.2 GHz ATV converter .....	179.00	159 <sup>95</sup>
FT-690R Mk II 10w 6m FM/SSB Xcvr/TTP .....	889.00	739 <sup>95</sup>
FT-290R Mk II 25w 2m FM/SSB Xcvr/TTP .....	749.00	629 <sup>95</sup>
FT-790R Mk II 25w 430-450 FM/SSB/TTP .....	869.00	719 <sup>95</sup>
<b>\$25 coupon - FT-690/290/790R Mk II thru 3/31/96</b>		
CSC-19 Soft case .....	23.00	
FBA-8 Holder for 9 C-cell nicads .....	44.00	
NC-26B Wall charger for FBA-8 .....	14.00	
FTS-7A Encoder/decoder; current units .....	42.00	
FT-5100 50/35w 2m/440 FM Xcvr/TTP mic .....	799.00	649 <sup>95</sup>
<b>\$40 coupon - FT-5100 4/1/96 thru 4/30/96</b>		
FT-5200 50/35w 2m/440 FM Xcvr/TTP mic .....	839.00	689 <sup>95</sup>
<b>\$50 coupon - FT-5200 4/1/96 thru 4/30/96</b>		
FT-6200 35/10w 440/1.2GHz FM Xcvr/TTP .....	899.00	749 <sup>95</sup>
DVS-3 Digital voice memory unit .....	149.00	139 <sup>95</sup>
FRC-4 DTMF pager unit .....	45.00	
FTS-22 CTCSS decode unit .....	65.00	
MH-27B8 Extra TTP mic w/8-pin plug .....	61.00	
MW-2* Wireless remote control mic .....	149.00	139 <sup>95</sup>
* Requires jumper modification		
MMB-53 Mobile mtg bkt for MW-1/2 .....	7.00	
SP-7 External speaker .....	39.00	
YSK-11L Sep kit w/18' cable; FT-5200/6200 ..	59.00	
FT-8500 50/35w 2m/440 FM/FS-10 dtx TTP mic ..	859.00	689 <sup>95</sup>
<b>\$30 coupon - FT-8500 thru 4/30/96</b>		
FT-8500/MH-39 50/35w 2m/440 FM/std TTP ..	809.00	669 <sup>95</sup>
<b>\$30 coupon - FT-8500/MH-39 thru 4/30/96</b>		
ADMS-2 Windows prog software; FT-8500 ..	39.00	
FTS-22 CTCSS decode unit .....	65.00	
MH-27B8 TTP mic w/8-pin plug .....	61.00	
MEK-2 Mic adapter kit for MH-27B8 .....	39.00	
MMB-60 Quick release mobile bracket .....	26.00	
SP-7 External speaker .....	39.00	
YSK-8500 Remote separation kit .....	99.00	
MMB-62 Remote control panel bracket ....	29.00	
DVS-1 Dig voice mem module; 212/712/912 ....Δmwfv	109.00	9 <sup>95</sup>
FTS-12 Decoder; 212RH/712RH/912RH ....Δmf	61.00	
MH-15C8 Extra TTP mic; 212/712/912RH ....Δmwfv	56.00	49 <sup>95</sup>
MH-15D8 Autodial TTP microphone .....	82.00	
FT-7400H 35w 440 FM Xcvr w/TTP mic .....	629.00	499 <sup>95</sup>
2400 Mic Cable 2' packet cable .....	9.00	
FRC-6 DTMF pager unit .....	45.00	
FTS-17A CTCSS decode unit .....	62.00	
MH-27A8J Extra TTP mic w/modular plug ...	64.00	
SP-7 External speaker .....	39.00	
FT-3000M 70w 2m FM Xcvr/TTP/extended rcv	599.00	489 <sup>95</sup>
DVS-4 Digital voice recording module .....	62.00	
FTS-17A CTCSS decode unit .....	62.00	
FT-2500M 50w 2m FM Xcvr w/TTP mic .....	459.00	369 <sup>95</sup>
<b>\$30 coupon - FT-2500M thru 4/30/96</b>		
2400 Mic Cable 2' packet cable .....	9.00	

# **YAESU - continued**

	Reg	Sale
FT-2200 50w 2m FM Xcvr w/TTP mic .....	489.00	299 <sup>95</sup>
<b>\$40 coupon - FT-2200 thru 4/30/96</b>		
FT-7200 35w 440 FM Xcvr w/TTP mic .....	639.00	509 <sup>95</sup>
DVS-3 Digital voice memory unit .....	149.00	139 <sup>95</sup>
FTS-27 CTCSS decode unit .....	61.00	
MW-2 Wireless remote control microphone ..	149.00	139 <sup>95</sup>
MMB-53 Mobile mtg bkt for MW-2 .....	7.00	
SP-7 External speaker .....	39.00	
SP-3 Small mobile speaker .....	24.00	
SP-4 Mobile speaker .....	32.00	
VXR-5000VADC 25w 2m FM repeater .....	1399.00	1199 <sup>95</sup>
VXR-5000UCDC 25w 440 FM repeater .....	1399.00	1199 <sup>95</sup>
Repeaters require service dept. set-up; \$68 minimum		
Comm Spec ID-8 Auto Morse code ID'er ....	89.95	
MR-KIT1 19" rack mtg kit; VXR repeater .....	218.00	199 <sup>95</sup>
PROG DISK-A Rptr programming software ..	15.00	
VX VPL-1 PC programming cable .....	55.00	
<b>Accessories for FT-208R/708R</b>		
FNB-2A Nicad battery pack .....	\$ 53.00	
YM-24A Speaker/microphone .....	Dm	39.95
<b>Accessories for 09-series/03-series</b>		
FNB-4A 500ma 12v battery .....	\$ 65.00	
FTS-6 Encoder/decoder; 09-series .....	Dmf	56.00
NC-9B Wall charger for FNB-3/3A .....	Dm	14.00
PA-3 Mobile adapter and charger .....	Dm	28.00
FT-76/25 2w 440 FM HT/batt/cgr .....	Dw	329.00
FT-530 2m/440 FM HT/batt/cgr/TTP ....Δmwfv	589.00	368 <sup>95</sup>
<b>\$70 coupon - FT-530 until gone!</b>		
CA-8 2 charging sleeves; NC-50/416/530 ...	25.00	
CLIP-3 Belt clip .....	7.00	
CSC-50 Vinyl case; 415/416/FNB25 ....Δmwv	22.00	19 <sup>95</sup>
CSC-52 Case; 415/416/FNB26/27 ....Δmwfv	22.00	19 <sup>95</sup>
CSC-53 Vinyl case; 26/76/FNB-25 ....Δmwv	22.00	6 <sup>95</sup>
CSC-55 Case; 26/76 w/FNB-26/27 ....Δmwfv	22.00	6 <sup>95</sup>
CSC-56 Vinyl case; 530 w/FNB-25 .....	22.00	
CSC-58 Vinyl case; 530 w/FNB-26/27 .....	22.00	
EDC-5B DC adapter w/noise filter .....	25.00	
EDC-6 DC adapter; plug & wire only .....	7.00	
FBA-12 AA cell holder .....	23.00	
FNB-25 600ma 7.2v nicad battery .....	55.00	
FNB-25G 600ma 7.2v nicad battery ....Dm	51.00	39 <sup>95</sup>
FNB-26 1000ma 7.2v nicad battery .....	83.00	
FNB-27 600ma 12v nicad battery (5w) .....	83.00	
FNB-27G 600ma 12v nicad battery (5w)Dm	79.00	59 <sup>95</sup>
FTS-17A CTCSS encode/decode unit .....	62.00	
MH-12A2B Speaker/microphone .....	50.00	
MH-19A2B Earpiece/microphone .....	46.00	
MH-29A2B LCD display spkr/mic; 530 .....	109.00	
MH-32A2B Compact lapel speaker/mic .....	40.00	
MH-35A2B Spkr mic/clip/earph jack; 530 ...	40.00	
MMB-54 Mobile mtg bracket; FT-26/530 ....	26.00	
NC-18B Wall charger for FNB-27 .....	16.00	
NC-28B Wall charger for FNB-25/26 .....	16.00	
NC-50 1-hour dual slot charger .....	109.00	
YH-2 Lightweight VOX headset w/mic .....	35.00	
FT-23R-17 2.5w 2m FM HT/FNB-17/cgr .....	277.00	219 <sup>95</sup>
FT-23R-12 5w 2m FM HT/FNB-12S/cgr .....	295.00	234 <sup>95</sup>
FT-33R 5w 220 FM HT/batt/cgr .....	369.00	299 <sup>95</sup>
FT-411E 2.5w 2m FM HT/FNB-17/cgr/TTP .....	368.00	289 <sup>95</sup>
FT-811 2w 440 FM HT/batt/cgr/TTP ....Δmwfv	394.00	199 <sup>95</sup>
FT-911 1w 1.2 GHz FM HT/batt/cgr/TTP .....	569.00	469 <sup>95</sup>
<b>Accs for FT-23R/33R/73R/411E/811/470/911</b>		
CA-7 2 charging sleeves; NC-50/411E/470 ...	\$ 25.00	
CLIP-1 Belt clip .....	8.00	
CSC-28 Soft case; 23R/33R/73R w/FNB-12S ..	22.00	
CSC-35 Soft case; FT-411E w/FNB-17 .....	22.00	
CSC-37 Soft case; FT-411E w/FNB-12S/14 ....	22.00	
CSC-43 Soft case; FT-470 w/FNB-9/17 .....	22.00	
CSC-45 Soft case; FT-470 w/FNB-12S/14 ....	22.00	
CSC-48 Soft case; 23R/33R/73R w/FNB-17 ....	22.00	
FBA-17 AA battery holder .....	25.00	
FNB-12S 600ma 12v (5w) battery .....	71.00	
FNB-14 1000ma 7.2v battery .....	71.00	
FNB-17 600ma 7.2v battery .....	52.00	
FTS-12 Encoder/decoder for FT-23R/33R/73R	61.00	
FTS-17A Tone squelch/pager; FT-411E .....	62.00	
FTT-4 DTMF (TTP) unit for FT-23R .....	61.00	

# **YAESU - continued**

	Reg	Sale
MH-12A2B Speaker/microphone .....	50.00	
MH-19A2B Earpiece/microphone .....	46.00	
MH-32A2B Compact lapel speaker/mic .....	40.00	
MH-35A2B Spkr mic/clip/earphone jack .....	40.00	
MMB-46 Mobile hanger for FT-470 .....	15.00	
MMB-54 Mobile mtg bracket .....	26.00	
NC-18B Wall charger for FNB-12S .....	16.00	
NC-28B Extra wall charger for FNB-9/10/17 ..	16.00	
NC-29 Desk quick cgr; FNB-12S/14/17 .....	77.00	
NC-34B Wall charger for FNB-14 .....	15.00	
NC-37 1-hr desk cgr; FNB-12S/14/17 ....Dmf	125.00	119 <sup>95</sup>
PA-6 Mobile DC adapter/cgr; FNB-9/10/14/17 ..	30.00	
YH-2 Lightweight VOX headset w/mic .....	35.00	
FT-10/41B-A06 2.5w 2m HT/6 keypad/30 ch ...	309.00	249 <sup>95</sup>
FT-10/41B-A06 5w 2m HT/6 keypad/30 ch ...	319.00	259 <sup>95</sup>
FT-10/40B-A16 2.5w 2m HT/16 key/30 ch ....	339.00	269 <sup>95</sup>
FT-10/41B-A16 5w 2m HT/16 keypad/30 ch ...	349.00	279 <sup>95</sup>
FT-10/40B-A16D 2.5w 2m HT/16 key/99 ch ...	369.00	299 <sup>95</sup>
FT-10/41B-A16D 5w 2m HT/16 keypad/99 ch ...	379.00	309 <sup>95</sup>
FT-10/40B-A16S 2.5w 2m/16key/99ch/DVRS ...	389.00	309 <sup>95</sup>
FT-10/41B-A16S 5w 2m/16 key/99 ch/DVRS ...	399.00	319 <sup>95</sup>
<b>\$45 coupon - all models FT-10 4/1/96 thru 4/30/96</b>		
<b>RH-1 case protector FREE with FT-10! Limited Time!</b>		
FT-40/40B-A06 2w 440 HT/6 keypad/30 ch ...	339.00	274 <sup>95</sup>
FT-40/41B-A06 5w 440 HT/6 keypad/30 ch ...	349.00	284 <sup>95</sup>
FT-40/40B-A16 2w 440 HT/16 key/30 ch ....	369.00	299 <sup>95</sup>
FT-40/41B-A16 5w 440 HT/16 keypad/30 ch ...	379.00	304 <sup>95</sup>
FT-40/40B-A16D 2w 440 HT/16 key/99 ch ...	399.00	324 <sup>95</sup>
FT-40/41B-A16D 5w 440 HT/16 keypad/99 ch ...	409.00	329 <sup>95</sup>
FT-40/40B-A16S 2w 440/16key/99ch/DVRS ...	419.00	339 <sup>95</sup>
FT-40/41B-A16S 5w 440/16 key/99 ch/DVRS ...	429.00	344 <sup>95</sup>
<b>RH-1 case protector FREE with FT-40! Limited Time!</b>		
ADMS-1B Windows programming software ..	39.00	
CA-14 2 charging sleeves; NC-50/FT-10 .....	25.00	
CN-2 BNC to SMA adapter .....	8.00	
CSC-68 Soft case; FT-10/FNB-41/FBA-15 ...	22.00	
CSC-69 Soft case; FT-10/FNB-40 .....	22.00	
CT-27 Cloning cable .....	10.00	
CT-30 Microphone Y adapter .....	10.00	
EDC-5B DC adapter w/noise filter .....	25.00	
EDC-6 DC adapter; plug & wire only .....	7.00	
FBA-15 AA battery holder .....	23.00	
FNB-40 650ma 6v battery .....	47.00	
FNB-41 600ma 9.6v (5w) battery .....	57.00	
FTT-10/A06 6-key keypad/encoder/30 ch ....	27.00	
FTT-10/A16 16-key keypad/encoder/30 ch ...	35.00	
FTT-10/A16D 16-key keypad/enc/dec/99 ch ...	64.00	
FTT-10/A16S 16-key pad/enc/dec/99ch/DVRS ...	83.00	
MH-34A2B/MH-34B4B Speaker/mic .....	43.00	
MH-37A4B Ear-piece microphone .....	43.00	
NC-50 1-hour dual slot charger .....	109.00	
RH-1 Black rubber case protector .....	7.00	
VC-23 VOX headset .....	59.00	
FT-11R 1.5w 2m FM HT/FNB-31/cgr/TTP .....	389.00	314 <sup>95</sup>
FT-11R/HP 5w 2m FM HT/FNB-38/cgr/TTP .....	399.00	334 <sup>95</sup>
<b>\$30 coupon - FT-11R/FT-11R/HP thru 4/30/96</b>		
FT-41R 1.5w 440 FM HT/batt/cgr/TTP .....	479.00	379 <sup>95</sup>
<b>\$30 coupon - FT-41R thru 3/31/96</b>		
FT-51R 2w 2m/440 FM HT/FNB-31/cgr/TTP ...	619.00	499 <sup>95</sup>
FT-51R/HP 5w 2m/440 FM HT/FNB-38/cgr/TTP	639.00	519 <sup>95</sup>
<b>\$30 coupon - FT-51R/FT-51R/HP thru 4/30/96</b>		
51R Clone/CT-51 Clone cable; FT-11/41/51R ..	9.00	
ADMS-1B Windows programming software ..	39.00	
CA-10 2 charging sleeves; NC-50/11/41/51R ...	18.00	
CD-2 Mobile rapid charger; FT-11/41/51R ...	99.00	
CSC-61 Case; 11R/41R/FNB-33/38/FBA-14 ..	22.00	
CSC-62 Soft case for FT-11R/41R/FNB-31 ...	22.00	
CSC-66 Soft case; FT-51R/FNB-33/38/FBA-14 ..	22.00	
CSC-67 Soft case for FT-51R/FNB-31 .....	22.00	
EDC-12 DC adapter; FT-11R/41R/51R .....	39.00	
FBA-14 AA battery holder .....	23.00	
FNB-31 600ma 4.8v battery .....	57.00	
FNB-33 1200ma 4.8v battery .....	83.00	
FNB-38 600ma 9.6v (5w) battery .....	83.00	
FTS-26 CTCSS decoder .....	59.00	
MH-12A2B Speaker/microphone .....	50.00	
MH-19A2B Earpiece/microphone .....	46.00	
MH-29A2B LCD display spkr/mic; 51R .....	109.00	



YAESU - continued		Reg Sale
MH-32A2B Compact lapel speaker/mic .....	40.00	
MH-35A2B Spkr mic/clip/earphone jack .....	40.00	
NC-34B Wall charger for FNB-33 .....	15.00	
NC-38B Wall charger for FNB-38 .....	16.00	
NC-55B Wall charger for FNB-31 .....	15.00	
NC-50 1-hour dual slot charger .....	109.00	
PA-10A Mobile drop-in adapter/cgr .....	66.00	
VC-22 Headset w/VOX .....	59.00	

ANTENNA ROTORS		
G-450XL 10 sq ft antenna rotor .....	\$269.00	239 <sup>95</sup>
G-500A 12 sq ft elevation rotor/8-wire .....	319.00	279 <sup>95</sup>
G-800S Med/hvy duty 450 degree 17sq ft/5-wire .....	399.00	329 <sup>95</sup>
\$25 coupon - G-800S thru 4/30/96		
G-800SDX Med/hvy duty 17sq ft/presets/5-wire .....	499.00	419 <sup>95</sup>
\$25 coupon - G-800SDX thru 4/30/96		
G-1000SDX HD 450 degree 23sq ft/presets/5-wire .....	609.00	499 <sup>95</sup>
\$25 coupon - G-1000SDX thru 4/30/96		
G-2800SDX HD 450 degree 34sq ft/presets/8-wire .....	1329.00	1139 <sup>95</sup>
\$25 coupon - G-2800SDX thru 4/30/96		
G-5400B Light/med 11sq ft az/el//2x8-wire ..	629.00	524 <sup>95</sup>
Sep Kit Separation kit for G-5400B .....	30.00	
GC-038 Mast clamp; 400/800/1000/5400B ...	30.00	
GC-048 Mast clamp; G-2700/2800SDX .....	45.00	
GS-050 50mm thrust bearing; mast 1½-2" ...	35.00	
GS-065 65mm thrust bearing; mast 1½-2½" ...	52.00	
GS-23 Interface; G-800/1000/2700/2800SDX .....	345.00	299 <sup>95</sup>
GS-232 Interface for G-5400B .....	547.00	469 <sup>95</sup>

See BELDEN for rotor cable

**ZENITH (ZEN)**

A-8477 75 ohm high-pass filter .....Dmwfcv 9<sup>95</sup>

**zm Xpressions (ZMX)**

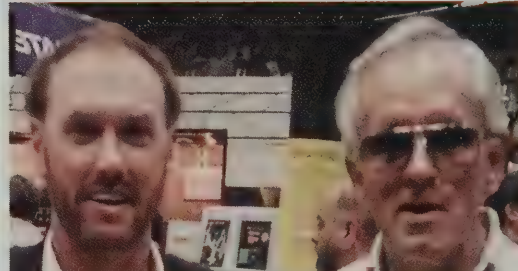
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CLOSE-OUTS	
AEA AVT Master video system; Amiga.....mwfv	129 <sup>95</sup>
AEA PCB-88 IBM plug-in packet adapter mwfv	129 <sup>95</sup>
ALI DJ-F1T 2w 2m FM HT/TTP .....mwfv	188 <sup>95</sup>
ALI DJ-F1T/HP 5w 2m FM HT/TTP .....mwfv	208 <sup>95</sup>
ALI DR-600TB 45/35w 2m/440 FM Xcvr mwfv	539 <sup>95</sup>

CLOSE-OUTS - continued	
B&K 541 Component comparator .....	m
B&K 1646 0-16V, 0-10A power supply .....	m
CES 410 Personal Patch interconnect .....	wf
CES SSI-68 Simplex autopatch .....	mwfv
COB RDL-412 Radar/laser detector .....	w
COU PROCOM 2w VHF FM HT .....	mf
COU U-22 UHF HT - specify channel.....mf	
CSY CS-1688 Controller .....	mwfv
CUS 220-QK Stack kit; 4 220B .....	w
CUS PS-4 Remote polarity switch .....	mwfv
CUS R-5 5-band half wave vertical .....	mwfv
CUS R-7 7-band vertical antenna .....	mwfv
DRA R-8 Shortwave receiver .....	v
GRU Cosmopolit Port AM/FM/SW Rcvr .....	fv
GRU Yacht Boy 235 Port AM/FM/SW Rcvr ....fv	
GRV SP-200A Sound Enhancer dtx spkr ....mv	
ICO AH-2A Antenna tuning system .....	mwv
ICO AH-610 Dual band 6/10m base ant .....	w
ICO AT-160 Auto tuner; IC-707/728 .....	w
ICO BC-80 Desk charger; P-series .....	mf
ICO BP-114 12v 400ma 5w batt; P-series mwfv	
ICO BP-123 7.2v 1200ma batt; IC-2iA ..mwfv	
ICO BP-124 12v 400ma batt; IC-2iA .....	mf
ICO EX-20 6/10m auto ant selector .....	m
ICO EX-627 HF auto ant selector .....	mwfv
ICO IC-P4AT 440 FM HT/TTP ...w/coupon,mwfv	
ICO IC-T41A 440 FM HT/batt/cgr/TTP ...mwfv	
ICO IC-W21AT 2m/440/spkr/mic ...w/coupon,mwfv	
ICO IC-2330A 45/25w 2m/220 FM Xcvr .....	m
ICO IC-3SAT 2w 220 FM HT/TTP .....	m
ICO IC-775DSP/ICO Xcvr w/DSP install mwfv	
ICO M-2 5w VHF marine HT.....mwfv	
ICO M-5 5w VHF marine HT.....mw	
ICO PS-15 20A power supply .....	mwfv
ICO PS-45 Compact 8A power supply .....	m
ICO R-71A Shortwave receiver .....	mwfv
ICO RP-4020 25w 440 FM repeater .....	mwv
ICO TV-970 1.2GHz ATV adapter; 970 .....	wfv
ICO UX-S92A 2m SSB module; IC-901.....m	
ICO UX-39A 220 unit for IC-901 .....	m

CLOSE-OUTS - continued		Reg Sale
KAN KPC-2 Packet controller .....	mv	149 <sup>95</sup>
KAN KPC-4 Dual port packet controller .....	m	239 <sup>95</sup>
KAN KTU Weathernode unit/temp sens .....	v	229 <sup>95</sup>
KEN PS-31 Power supply; TS-790A .....	wfv	169 <sup>95</sup>
KEN TM-455A 35w 430-440 SSB/FM .....	mwfv	598 <sup>95</sup>
KEN UT-28S 50w 10m unit;741/742/etc mwfv		169 <sup>95</sup>
MFJ 45C 512K RAM IC only .....	mw	99 <sup>95</sup>
MFJ 1276 Packet/Pactor controller .....	mfv	149 <sup>95</sup>
MFJ 1278T Turbo controller w/2400 .....	m	229 <sup>95</sup>
MFJ 2040 Repeater controller.....w		229 <sup>95</sup>
NYE 047-001 4-pin phone patch .....	fv	89 <sup>95</sup>
OPT 8040 Multifunction counter/timer ..mwfv		499 <sup>95</sup>
PAL P-408 AC HF receiver preamp.....wf		109 <sup>95</sup>
PAL PF-300 SC audio filter .....	fv	109 <sup>95</sup>
RFC 2-315 2m FM/SSB 30/150w amp/pre mwfv		269 <sup>95</sup>
RFC 2-417 2m FM/SSB 45/170w amp/pre ..mwv		269 <sup>95</sup>
RFC 2/70H 2m/440 20/200/20/100w amp ..w		699 <sup>95</sup>
STA C-188A 2m FM HT/TTP .....	w/coupon,fv	254 <sup>95</sup>
UNI BCT-2 Preprog mobile scanner .....	mf	99 <sup>95</sup>
UNI BC-60XLT 10 ch prog pocket scan ..mwfv		79 <sup>95</sup>
UNI BC-220XLT 200ch prog pocket scan mwfv		219 <sup>95</sup>
YAE FT-530 2m/440 FM HT ....w/coupon,mwfv		298 <sup>95</sup>
YAE FT-76/25 440 FM HT .....	w	229 <sup>95</sup>
YAE FT-811 2w 440 FM HT/TTP.....mwfv		199 <sup>95</sup>
YAE NC-37 1-hr desk cgr; FNB12S/14/17 ..mf		119 <sup>95</sup>
YAE XF-455K-251-01 250Hz CW filter .....	mf	149 <sup>95</sup>
YAE XF-455M6 600 Hz CW filter; FT-650 ..mwv		129 <sup>95</sup>
YAE YF-100 500 Hz CW filter .....	mwfv	109 <sup>95</sup>
ZEN A-8477 75 ohm high-pass filter ...mwfcv		9 <sup>95</sup>

# Terry Talks...



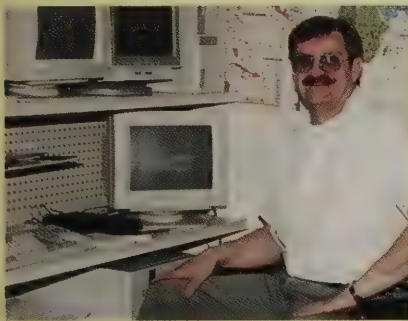
Shown above (left) is Tom Wineland, KA6EHF, a KENWOOD "Big Wig" and (right) Len Smith, K4BDP, our Clearwater, FL Store Manager, at the 1995 Dayton Hamfest.

Check this out! If you have a copy of the Winter 95/96 AES® Catalog, look at the inside front cover which shows an ad featuring the ICOM IC-2350H transceiver.

In this ICOM ad you'll see a fellow that looks almost identical to Tom Wineland pictured above. Do you think this is Tom earning extra money as a model for ICOM, or do you think that ICOM hired a Tom Wineland look-alike? Hummmmm!



Shown above (left) is Ray Grenier, K9KHW and Terry Serman, W9DIA (right) during their visit to the HRO Burbank store. This nice young lady appeared and introduced herself as Bob Ferrero's daughter, Kelly. She claimed that her dad owned the entire HRO Empire! Incidentally the AES entourage found this location to be one of his finest new stores.



## AES® On-Line...

### BBS (414-358-3472)

Our BBS has been on-line since October 1993. At this time, we have over 1500 users in all 50 states and 50 foreign countries. You can find New & Used Equipment Lists; New Product Information; Open House Dates & Times; Technical Help and Freeware & Shareware Computer Programs. You can Leave Messages to other users and to our staff, or

sell your equipment on-line.

The BBS is running on OS/2 using the Gilmore Systems "Magnum Robotics Courier Modems. Our two phone lines are operating up to 28.8 via two U.S. Robotics Courier modems. The computer is a 486-33DX.

### WORLD WIDE WEB (<http://www/execpc.com/~aesham>)

Also, take a look at our site on the World Wide Web. There is information about each of the AES branches, open house and special events dates, price lists and specials, links to other ham radio web sites and a place to request for the "World Famous AES® Catalog. If you haven't take a look lately, better stop by. There are always changes going on.

### e-mail ([aesham@execpc.com](mailto:aesham@execpc.com))

Messages and requests for pricing can also be sent via our e-mail address and we will handle them as rapidly as possible.

### HELP

If you have any questions about AES ON-LINE, please contact the sysop, Richard Engle, KE9QU at the Milwaukee store. Richard who has been with us for over 12 years, was licensed in 1969. He is very knowledgeable in all phases of amateur radio, especially Digital Communications.



# Used Amateur Radio Equipment

★ Fully Service Tested ★ 10-day Trial ★ 30-day Guarantee ★ Full Credit within 90-days on Higher Priced New Equipment ★ Only Clean Gear Accepted in Trade ★ The Finest Available ... Anywhere!

**Note:** This Used Equipment List reflects what was in inventory when this catalog was printed. We trade, buy and sell a tremendous amount of used equipment, so this is only a representation of what may be available at any given time. Each store (except Clearwater) has immediate on-line computer access of the entire AES used gear inventory by location—one phone call is all that is needed to see if an item is in stock. The letters after the price indicate which location had the particular item at the time of inventory: **m** = Milwaukee; **w** = Wickliffe; **f** = Orlando; **c** = Clearwater; **v** = Las Vegas. (+) after item denotes too many accessories to list.

<b>AEA</b> ET-1 antenna tuner...\$499 c Log Windows software...69 m <b>ALINCO</b> ALD-24T 2m/440 fm...\$329 m DJ-F1T 2w 2m ht...149 f DJ-G1T 2w 2m ht...199 m DJ-580T 2m/440 ht...289 v DR-110T 45w 2m...259 m DR-112T 45w 2m...269 m DR-130T 50w 2m...249 wv DR-590T 2m/440...419 f DR-610T 2m/440...479 f EBP-18N battery...39 m EDC-16 chgr...9 m EDC-19 remote kit...29 w EDC-34 desk charger...69 f <b>AMECO</b> PT-2 xcvr preamp...\$69 c <b>ASTRON</b> RS-10A 7.5amp p/s...\$59 m RS-20A 16a p/s...79 c VS-50M 37amp p/s...199 w <b>AZDEN</b> AZ-61 5w 6m ht+...\$349 w PCS-7500H 50w 6m...309 v PGS-7000H 50w 2m...289 mf <b>B&amp;K</b> 2830 3 1/2 dig DMM...\$99 m <b>BIRD</b> CC-1 case for 43...\$25 m 100B 50-125mhz ele...39 m 1000B 50-125 mhz ele...39 m 25C 100-250mhz ele...39 c 4240-179 PL-259 QC...19 m 5A 25-60 mhz ele...39 c 5C 100-250 mhz ele...39 m 50C 100-250 mhz ele...39 c <b>CES</b> 410 personal patch...\$129 m <b>DAIWA</b> CN-103 power meter...\$79 w CN-410M power meter...69 w CN-465M power meter...69 w CN-520 hf meter...59 c <b>DIAMOND</b> F-22A 2m base ant...\$69 m MX-72D 2m/440 dplx...39 mf X-50 2m/440 base ant...79 m <b>DRAKE</b> R-8 receiver...\$679 m 1590 vhf converter...139 mv <b>GRUNDIG</b> SATELLIT 500 swl...\$289 m SATELLIT 700 swl...359 wf TRAVELLER II swl...69 m YACHT BOY 235 swl...79 m <b>HEIL</b> SA-1 amp speaker...\$69 v <b>HY-GAIN</b> 12AVQS 10-20M vert...\$69 m 2400-155 headset/mic...59 f <b>ICOM</b> AD-15 p/s...\$19 mw AH-2A auto tuner...349 c AT-100 auto tuner...289 m AT-160 auto tuner...199 cf BA-12 chgr adapt...12 m BC-72 charger...79 m BP-113 7.2V/1200ma...59 m BP-114 12V/400ma...39 m BP-130A battery case...19 m BP-174 12V 600ma...69 mw 	BP-2 425ma 7.2V batt...20 m BP-82 300ma 7.2V batt...20 m BP-90 battery case...15 m CP-1 mobile cord...5 m HM-54 spkr/mic...35 m HM-8 mobile mic...39 f HM-9 spkr/mic...29 m HS-51 vox headset...49 m HS-60 vox headset...29 m IC-Z1A 2m/440 ht...349 v IC-2GXAT 2m 3.5w ht...199 m IC-2KL 1K hf amp/ps...1299 c IC-2SAT 2m ht...239 w IC-2SRA 2m ht/wide rx...419 w IC-229H 50w 2m...279 w IC-2410A dual band + 549 m IC-260A 2m all mode...199 w IC-27A 2m 25w mobile...259 vc IC-2700H dual band+...549 m IC-271H 100w 2m/ssb...769 m IC-275H 2m 100w fm/ssb...1139 f IC-281H 2m 50w...299 m IC-290A 10w 2m-brkt...339 m IC-3220H 2m/440...449 w IC-3230H 2m/440...459 c IC-471A 25w all mode...599 m IC-475H 75w all mode...1229 c IC-707 HF xcvr loaded!...939 w IC-726 HF xcvr/6m...869 c IC-735 HF xcvr...719 w IC-740 HF xcvr/H153.4...549 m IC-751 HF xcvr...799 cf IC-751 HF xcvr/H132...839 f IC-781 HF sn1276...3999 m IC-781 HF sn1089+...4029 w IC-901 2m/440...699 f MB-5 mount brkt...19 v OPC-438 11.5 cable...19 m PS-45 power supply...89 m R-1-15 1-1.2ghz rcvr...329 mc R-71A swl...689 c SP-5 speaker...15 w SP-7 speaker...49 m <b>JPS</b> NF-60 filter...\$99 fc NIR-10 filter...199 wcf SSTV-1 sstv filter...119 m <b>KANTRONICS</b> DVR2.2 packet radio...149 m <b>KENWOOD</b> DFK-3B remote kit...\$19 m DSP-100 dsp unit...239 c IF-232C translator...69 wf KLF-3 cig liter cord...16 m KNB-7A 12v battery...50 w MB-13 quick release brkt...39 m MB-430 mobile brkt...19 v MC-35S hand mic...29 m MC-42S hand mic...29 f MC-60A desk mic...99 c MC-80 desk mic...79 mc MC-90 deluxe desk mic...169 w PS-50 hd p/s...169 w R-2000 swl rcvr...499 mv R-5000 swl rciever...699 mc R-5000 w/VC-20...829 f R-5000 w/cw/VC-20...859 f SMC-31 spkr/mic...35 w SM-220 scope/BS-8...319 m TH-27A 2m ht...239 m TH-79A(D) 2m/440 ht...319 m TM-221A 2m mobile...269 mw TM-231A 2m 50W...279 mc 	TM-231A w/TSU-6...299 m TM-241A 2m 50W...289 all TM-255A 2m all mode...699 cf TM-2550A 45w 2m...289 w TM-411A uhf mobile...259 f TM-731A 2m/440...449 c TM-733A 2m/440...509 m TM-741A 2m/440...549 v TM-941A 2m/440/1.2...779 m TR-7930 25w 2m...249 m TS-440S HF xcvr...799 wc TS-440S/AT HF xcvr...899 wv TS-440S/AT w/vs-1...929 m TS-440S/AT w/cw...929 m TS-440S/AT w/cw/sn...959 m TS-440S/AT w/sn...929 mv TS-450S/AT HF xcvr...999 f TS-50S HF xcvr...799 m TS-520S HF xcvr...429 v TS-520SE HF xcvr w/cw...429 mw TS-530S HF xcvr...489 m TS-60S 6M xcvr...819 c TS-680S HF xcvr/6M...789 m TS-690S HF xcvr/+...1369 f TS-830S HF xcvr...649 mv TS-830S HF w/cw...689 w TS-830S HF w/cn...679 v TS-850S HF loaded!...1399 m TS-850S/AT w/455C...1439 w TS-850S/AT loaded!...1489 w TS-850S/AT w/SN1...1399 v TS-850S/AT w/C-1...1389 f TS-930S/AT HF xcvr...899 c TS-940S/AT HF xcvr...1399 m TS-940S/AT loaded!...1589 m TS-950SD HF xcvr...1899 cf TW-4000A w/Vs-1...399 v TW-4000A w/TU4C...369 m TW-4000A VS-1/TU4C...409 mv TW-4100A w/TU7...409 c <b>MFJ</b> 1020A indoor act ant...\$39 c 1040B preselector...69 v 1214PC interface...109 vf 1224 interface...49 m 1229 interface...59 m 1272B tnc/sw...29 w 1272MX tnc/sw...29 w 1305 5V power supply...9 w 1312 12V power supply...9 w 1312B 12V p/supply...9 f 1312B 12V p/supply...9 f 1704 500mhz coax sw...39 m 202B noise bridge...39 c 208 2m swr analyzer...59 f 247 swr analyzer...119 f 260B 300W load...24 m 283 speaker mic...19 w 4114 p/s for cw xcvr...39 m 451X cw keyer...59 w 486 Super Grandmaster...99 m 624D phone patch...65 f 9120B 20m CW pkg...259 c 931 artificial ground...49 m 945C 300W ant tuner...64 c 948 antenna tuner...79 f <b>MIRAGE</b> B-215G 2m 2/150w...\$239 f KP1/2M 2m preamp...89 m <b>NEWTON TVRO</b> GBS2000 sat test set...\$149 w <b>OAK BAY</b> LP-11P 1KW low pass...\$49 m 	<b>PALOMAR</b> P410X 160-6M preamp...\$99 w <b>PANASONIC</b> RFB-65 swl portable...\$129 c <b>RANGER</b> RCI-2970 10m xcvr...\$319 mw <b>SANGEAN</b> ATS-808 swl rcvr...\$119 m <b>SGC</b> QMS-1 quick mt sys...\$599 m SG-2000 w/remote...1249 m <b>SONY</b> AN-102 active ant...\$49 w ICF-SW100S swl rcvr...269 wv ICF-SW7600 swl rcvr...149 m ICF-SW77 receiver...359 m ICF-SW72 receiver...149 w ICF-2010 receiver...\$289 m PRO-80 scan rcvr...299 f <b>STANDARD</b> CSA-181A desk charger...\$89 w C108A 2m mini-HT...179 w C168A 2m HT...249 w C228A db ht/extra batt...509 w C528A dual band HT...369 w C5608DA 2m/440mobile...569 cv C628A w/CNB-151+...579 w CLC-550 case...15 m CNB151 7.2v 700m batt...43 w CMU-160 memory exp...10 w <b>STARTEK</b> ATH-50 frequency counter...\$239 f 158G freq/counter...139 f 	<b>TEN-TEC</b> 444 1KW hf amp...\$799 f <b>UNIDEN</b> BCT-2 scanner...\$89 v BC-590XLT scanner...149 c BR-2600 10m xcvr...159 c <b>YAESU</b> ADMS2 pgm kit ft8500...\$29 m CSC-29 case for ht...14 w CSC-43 case for ht...14 v CSC-56 case for ht...15 m E736 dc cord FT736R...12 f E767 cable/FL-7000...15 w FAS14R remote coax sw...69 w FBA-3 battery holder...19 w FBA-14 battery holder...19 w FC-102 manual tuner...169 f FC-757AT auto tuner...299 wcf FC-800 wire auto tuner...329 m FL-7000 hf amp/tuner...1499 mf FNB-25 7.2 600 mah...25 m FNB-27 12V 600 mah...39 m FNB-33 4.8V/1200 mah...59 w FP-12 power supply...99 v FP-757HD p/supply...219 c FRG-8800 w/VHF conv...579 m FT-ONE Lot 10 loaded!...919 w FTS-8 tone decoder...30 f FT-102 hf xcvr/cwn...659 w FT-212RH 45w 2m+...309 c FT-2200 2m/50W...289 v FT-23R17 2TP 2m 2w t...199 w FT-2311R 10W 1.2ghz...349 m 	FT-2400H 2m/50W...289 mv FT-411E 2m 2.5w ht+...309 w FT-470 dual band ht+...239 m FT-5100 dual band...479 m FT-5200 dual band...499 mv FT-5200 dual band/tone...539 m FT-5200 tone/DVS-3...659 v FT-726R w/430/440/SU...999 v FT-747GX hf mobile...549 v FT-767GX w/2m...1399 v FT-767GX w/2m/440...1579 f FT-767GX w/6m...1399 v FT-790RMKII w/tone...549 m FT-815 uhf ht...239 m FT-840 HF xcvr...719 wf FT-840 HF xcvr w/cw...739 v FT-8500 2m/70cm...549 m FT-900/AT hf xcvr...1099 mf FT-990 hf xcvr...1599 f FV-700DM remote VFO...79 m MD-1C8 desk mic...89 w MW-1 wireless mic...79 v MMB-38 mobile mount...12 f NC-29 rapid charger...49 m NC-34B charger...9 m NC-9B charger...5 m PA-10A mobile adapter...49 w PA-6 mobile adapter...15 m YF-101 2.6 khz filter...99 m YSK-4700 Keyboard...29 w YSK-8500 remote kit...59 w YSK-900 remote kit...39 m 
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This Used Equipment list & the Demo Equipment list on the next page were prepared from an actual inventory taken on 3/13/96. Availability & Prices are subject to change without notice.

■ **TRADE-INS** We will take your clean late model SSB or FM gear in trade towards New Equipment shown in this catalog, or we will buy it outright for Cash – write or call for a quote. In order to receive the full value as quoted, your equipment must arrive at our location in good electrical and physical condition, free from abnormal wear, defects, modifications, corrosion and smoke residue. The manual and any original accessories that came with the unit must be included. Note: We do not take in data controllers, UHF/VHF amplifiers or antennas. Hand-held radios quoted in store only.

■ **USED EQUIPMENT** After the purchase and receipt of USED equipment, there is a 10-Day Trial. During this period, if the equipment you received is unsatisfactory for any reason, you may return it for a refund, less shipping charges – both ways. If there is a defect, repair parts and labor are covered under a 30 Day Warranty. Return the equipment to the store it was purchased from, prepaid and insured. We will correct the defect and return it at no charge. Within 90 days after you receive our shipment of USED equipment, we will allow you Full Trade-in toward Higher Priced NEW equipment. To qualify, the condition of the item must be as it was when you originally received it from us.



Miles-K9HMQ, our Service Manager makes sure all used gear meets its original specifications before it's shipped out.



TERRY-W9DIA  
Circa 1962

Terry-W9DIA, the Original King of Traders, began the tradition of Quality Used Gear more than 38 years ago. The standard was set, and the tradition continues on.

Latest Updates on Used/New Equipment, Open Cartons & Demos...

Check our 24-hour BBS – 414-358-3472

or web page – <http://www.execpc.com/~aesham>



# New Equipment Open Cartons & Demos

The following is New Equipment that has been Demonstrated, on Display or Restocked. The cartons not factory sealed, but each piece has been checked by our Service Department and has a 100% New Warranty. The letter after the price is the location at the time of inventory.

m = Milwaukee; w = Wickliffe; f = Orlando; c = Clearwater; v = Las Vegas

Limited quantities - Order Now! Used equipment policies do not apply.

ADI	SPECIAL PRICE
AT-400 2.5W 440 HT	\$159 <sup>95</sup> m
AT-400HP 5W 440 HT	179 <sup>95</sup> m
AEA	
AEA-FAX III Facsimile & wire photo	\$89 <sup>95</sup> f
ISOLoop 10-30 loop antenna	289 <sup>95</sup> f
MacRATT Mac prog PK88/232	58 <sup>95</sup> m
PCB-88 IBM plug in packet adapter	109 <sup>95</sup> m
PC-Pakratt II IBM software	58 <sup>95</sup> m
PK-232MBX multimode controller	269 <sup>95</sup> m
PK-96 9600 bps packet 32K	179 <sup>95</sup> m
PK-96/100K 9600 bps packet	224 <sup>95</sup> m
RL-60 radio link HF remote via HT	259 <sup>95</sup> v
SWR-121 V/U antenna analyzer	359 <sup>95</sup> v
100K upgrade for PK-96	45 <sup>00</sup> v
ALINCO	
DJ-FIT 2m 2W FM HT	\$169 <sup>95</sup> w
DJ-GST 2m/440 FM HT	419 <sup>95</sup> w
DJ-180TH 2m 5W FM HT	179 <sup>95</sup> m
DR-M06T 6m 10W mobile	299 <sup>95</sup> m
DR-1200TH 2m 9600 bps xcvr	239 <sup>95</sup> f
DR-150T 2m 50W mobile w/UHF rx	269 <sup>95</sup> mf
DR-610T 2m/440 50/35W xcvr	569 <sup>95</sup> f
DX-70T HF/6M mobile xcvr	819 <sup>95</sup> m
EBP-20N 7.2 700ma battery	42 <sup>00</sup> v
EBP-24N 7.2 1000ma battery	69 <sup>95</sup> m
EBP-6N battery	39 <sup>95</sup> m
EME-10 headset w/voxt/ptt	61 <sup>20</sup> w
ALPHA DELTA	
Delta-2 2 position coax switch	\$44 <sup>95</sup> m
AMECO	
TPA tunable preamp	64 <sup>95</sup> m
AMERITRON	
ATR-15 1.5KW antenna tuner	\$314 <sup>95</sup> v
RCS-4 4 position wireless remote sw	116 <sup>95</sup> f
RCS-8VN 5 position remote sw w/"N"	124 <sup>95</sup> m
ASTRON	
RS-35A/220 220 volt 25A /35A surge	\$152 <sup>95</sup> m
RS-50A 37 amp power supply	199 <sup>95</sup> m
VS-35M variable 25 amp supply	169 <sup>95</sup> m
12/115 200W inverter	54 <sup>95</sup> m
AZDEN	
AZ-11 5w 10m HT	\$339 <sup>95</sup> m
AZ-21 5w 2m HT	269 <sup>95</sup> m
AZ-61 5w 6m HT	349 <sup>95</sup> m
PCS-7800H 50w 10m mobile xcvr	349 <sup>95</sup> m
PCS-7800H 50w 10m new refurb	369 <sup>95</sup> f
B&K	
815 parts tester	\$74 <sup>95</sup> m
B&W	
AXS-80 80/40/15M 64' dipole	\$89 <sup>95</sup> v
FL-10/1500/70 low pass filter (7252)	39 <sup>95</sup> f
BENCHER	
ST-1 single lever paddle	\$63 <sup>95</sup> w
CES	
SDI-50 autopatch/controller	\$359 <sup>95</sup> m
410 personal patch autopatch	149 <sup>95</sup> w
COMET	
CM1200 1.2GHz mini-meter	\$64 <sup>95</sup> f
FP-19 900 MHz 16 db antenna	89 <sup>95</sup> m
GP-15 6/2/440 8' antenna	149 <sup>95</sup> f
SB-25NMO 2m 4.1db 4'8" mobile ant.	44 <sup>95</sup> v
CONNECT SYSTEMS	
PRIVATE PATCH V interconnect	\$379 <sup>95</sup> m
CUSHCRAFT	
APR-18A radial kit	\$56 <sup>95</sup> v
CS-1147M 2m 1/4 wave mag mt ant	35 <sup>95</sup> v
CS-50M 6m mag mt antenna	53 <sup>95</sup> v
PS-4 polarity switch	69 <sup>95</sup> m
22NSK stacking kit for (2) 17B2s	69 <sup>95</sup> m
DAIWA	
DP-810 digital power meter	199 <sup>95</sup> m
NS-660PA 1.8-150 mhz 3KW meter	179 <sup>95</sup> m
DAVIS	
RG-4 rain collector	\$49 <sup>95</sup> m
WIZARD III weather station	152 <sup>95</sup> m
7852 rain collector II	62 <sup>95</sup> m
DIAMOND	
MX-72N duplexer	\$52 <sup>95</sup> m
SX9000 1.8-160/430-1300 MHz swr	224 <sup>95</sup> m

DIGIMAX	
D-612 12GHz 9-digit counter	\$199 <sup>95</sup> m
DRAKE	
R-8 shortwave reciever	\$849 <sup>95</sup> wvf
GROTHE	
VS-2 emergency vehicle siren	\$79 <sup>95</sup> m
VS-4 siren/PA unit	124 <sup>95</sup> m
GRUNDIG	
YACHT BOY 230 swl receiver	\$69 <sup>95</sup> m
YACHT BOY 235 swl portable receiver	69 <sup>95</sup> w
HAL	
P-38 dsp modem	\$314 <sup>95</sup> m
HEIL	
BM-10-5 boom mic/headset w/HC-5	\$64 <sup>95</sup> f
HM10-5/CC11 wired for lcom	79 <sup>95</sup> v
HM10-5K mic for Kenwood	74 <sup>95</sup> m
PROSET 4 deluxe boom mic/headset	117 <sup>95</sup> m
PROSET 5 deluxe boom mic/headset	117 <sup>95</sup> m
PRO5-5 deluxe mic/single headset	99 <sup>95</sup> m
HY-GAIN	
300 HDR-300 heavy duty rotor	\$836 <sup>95</sup> v
ICOM	
AG-25 mast mount 2m preamp	139 <sup>95</sup> f
AG-35 mast mount 440 preamp	149 <sup>95</sup> m
AT-150 auto tuner	475 <sup>00</sup> mw
BC-79A drop in charger	94 <sup>50</sup> m
BP-113 7.2v/1200ma battery	79 <sup>95</sup> v
BP-157A 7.2v/900ma battery	59 <sup>95</sup> m
BP-2 425ma/7.2V nicad battery	49 <sup>00</sup> m
EX-766 interface/IC-901	39 <sup>95</sup> m
GP-22 GPS receiver	379 <sup>95</sup> mf
HM-46 speaker/microphone	42 <sup>50</sup> m
IC-P2AT 2m 2w ht	239 <sup>95</sup> v
IC-P4AT 440 mhz ht w/UT-50	239 <sup>95</sup> m
IC-T21A 2m HT w/440MHz receive	229 <sup>95</sup> all
IC-T22A 2m HT	219 <sup>95</sup> f
IC-W2A 2M/440MHz HT/tp	359 <sup>95</sup> m
IC-W21AT 2M/440MHz HT/tp	359 <sup>95</sup> w
IC-W21A 2m/440MHz ht w/remote mic	394 <sup>95</sup> m
IC-W31A 2M/440MHz HT/tp	379 <sup>95</sup> m
IC-2330A 2m/220MHz FM mobile	599 <sup>95</sup> m
IC-2350H 2m/440MHz FM mobile	479 <sup>95</sup> m
IC-2700H 2m/440MHz FM mobile	539 <sup>95</sup> m
IC-4SAT 440MHz FM HT	319 <sup>95</sup> c
IC-481H 50W 440 FM mobile xcvr	503 <sup>95</sup> v
IC-706 HF/6/2m mobile xcvr	1199 <sup>95</sup> mv
IC-707 100W HF xcvr	828 <sup>95</sup> m
IC-735 100W HF xcvr	1079 <sup>00</sup> f
IC-736 100W HF/6M xcvr	1649 <sup>95</sup> m
IC-775DSP/ICO HF xcvr/ps/lf dsp	3152 <sup>95</sup> wf
IC-781 HF xcvr w/scope/tuner/keyer	5399 <sup>00</sup> mf
IC-901A 50W 2m/35W 440MHz mobile	839 <sup>95</sup> f
M-5 5W marine band HT	299 <sup>95</sup> m
M-56 25W marine band	299 <sup>95</sup> m
PS-30 25A power supply	279 <sup>00</sup> w
RP-4020 25W 70CM repeater	1499 <sup>95</sup> mf
R1-15 1.1MHz-1.36GHz hand held rcvr	379 <sup>95</sup> mf
R100-11 1.1mhz-1.856GHz rcvr	593 <sup>95</sup> v
SM-8 deluxe desk mic	129 <sup>95</sup> f
SP-7 small external speaker	61 <sup>20</sup> w
UT-84 tone squelch IC-2700H	72 <sup>00</sup> v
JPS	
ANC-4 Antenna noise canceller	\$149 <sup>95</sup> m
NF-60 Auto DSP audio notch filter	134 <sup>95</sup> m
NIR-10 Dlx noise/notch DSP filter	249 <sup>95</sup> mf
NIR-12 dual dlx noise/notch DSP filter	299 <sup>95</sup> m
JRC	
NBD-520 dc p/s for JST135 NEW!	\$199 <sup>95</sup> m
KANTRONICS	
HOSTMASTER-64 software	\$53 <sup>95</sup> m
V5 update for KPC-2400	25 <sup>00</sup> m
KENWOOD	
AT-300 external auto tuner	\$539 <sup>95</sup> m
DFK-3 9' separation kit TM742/942	21 <sup>95</sup> f
DFK-4 13' separation kit TM742/942	49 <sup>95</sup> f
DRU-3 digital record unit	116 <sup>95</sup> m
DSP-100 DSP unit for TS-450/850S	269 <sup>95</sup> m
EMC-1 mic/earphone for ht's	39 <sup>95</sup> m
HMC-2 headset vox/ptt for ht's	64 <sup>95</sup> m
IF-232C level translator	107 <sup>95</sup> v

KSC-14 rapid charger TH22/79	79 <sup>95</sup> wv
MC-45DM hand mic	71 <sup>95</sup> f
MC-60A desk microphone	139 <sup>95</sup> f
MC-90 deluxe desk microphone	199 <sup>95</sup> v
PB-18 1100mah 7.2v battery	78 <sup>95</sup> v
PB-32 600mah 6v battery	58 <sup>50</sup> v
PG-3H cig liter cord TH22/79	29 <sup>95</sup> m
PS-33 power supply TS-450S	188 <sup>95</sup> m
R-5000 swl receiver	999 <sup>95</sup> mf
SM-230 monitor scope TS-850/950	979 <sup>95</sup> f
SW-2100 1.8-30MHz 2KW meter	134 <sup>95</sup> mv
TH-22AT 2M 3W FM HT	233 <sup>95</sup> mf
TH-79A(D) 2M/ 440 2.7W HT	404 <sup>95</sup> m
TH-79A(D)H 2M/ 440 5W HT	429 <sup>95</sup> m
TM-241A 2m 50W mobile xcvr	299 <sup>95</sup> m
TM-251A 2m 50W xcvr w/u/hf rx	289 <sup>95</sup> m
TM-455A 440/FM/SSB mobile xcvr	539 <sup>95</sup> m
TM-441A 70CM 35W mobile xcvr	449 <sup>95</sup> m
TSU-8 tone unit/TM-733A	49 <sup>95</sup> m
TS-450S 9 band hf xcvr	1139 <sup>95</sup> f
TS-450S/AT 9 band hf xcvr/tuner	1234 <sup>95</sup> f
TS-850S/AT 9 band hf xcvr/tuner	1598 <sup>95</sup> f
TS-870S IF DSP xcvr/tuner	2538 <sup>95</sup> m
TS-950SDX HF xcvr/tuner w/DSP	3599 <sup>95</sup> v
UT-28S 50w 10m module/TM-742A	149 <sup>95</sup> f
KLM	
CS-2 circularity switch	\$69 <sup>95</sup> m
MALDOL	
MK30K power antenna mount	\$139 <sup>95</sup> m
MFI	
1020A indoor active rx antenna	\$67 <sup>95</sup> w
1022B active rx antenna	71 <sup>95</sup> m
1022 active rx antenna	35 <sup>95</sup> m
1040B Deluxe receiver preselector	89 <sup>00</sup> m
1214PC Multimode interface for IBM	124 <sup>95</sup> mf
1270C packet TNC	99 <sup>95</sup> f
1272B TNC/Mic switch	34 <sup>95</sup> mv
1272BYV TNC/Mic switch KAM/vhf	34 <sup>95</sup> m
1272M TNC/Mic switch MFJ/PK900	34 <sup>95</sup> m
1274C TNC	109 <sup>95</sup> m
1278B packet/pactor multi-mode	239 <sup>95</sup> m
1289 5 1/4 multicom software	54 <sup>95</sup> m
1289M multicom software IBM	49 <sup>95</sup> m
1290 multicom software AMIGA	34 <sup>95</sup> m
1292 Video digitizer for IBM	159 <sup>95</sup> m
1700B Combo antenna/xmitter switch	58 <sup>95</sup> v
1796 10mhz-2m vertical antenna	129 <sup>95</sup> m
285 speaker mic fits Yaesu ht's	19 <sup>95</sup> m
4114 p/s for MFJ CW xcvr	58 <sup>95</sup> fv
422CX keyer only	64 <sup>95</sup> vm
432 voice keyer unit	84 <sup>95</sup> m
462B RTTY/ASCII/CW/AMTOR reader	134 <sup>95</sup> f
47B 128K memory for 1270/1274	59 <sup>95</sup> m
492X menu driven keyer	94 <sup>95</sup> m
624D phone patch	76 <sup>95</sup> m
704 1KW low pass filter	35 <sup>95</sup> v
722 SSB/CW notch filter	67 <sup>00</sup> mw
784B audio DSP filter	199 <sup>95</sup> m
815B 160-6m cross needle meter	62 <sup>95</sup> v
8621 VHF data radio 145.01 MHz	99 <sup>95</sup> m
9020 5w 20m cw xcvr	149 <sup>95</sup> m
9030 5w 30m cw xcvr	152 <sup>95</sup> m
924 440MHz 300w tuner/swr/wattmeter	62 <sup>95</sup> v
949E 300w tuner/switch/balun	116 <sup>95</sup> vf
956 LW/MW/SSB preselector/tuner	34 <sup>95</sup> v
MIRAGE	
B-215G 2/150W 2m amplifier	\$305 <sup>95</sup> m
B-34G 2m 3.5/35W amplifier	89 <sup>95</sup> m
D-1010N 10/100W 440mhz amp	319 <sup>95</sup> m
KP1/2M 2M in shack preamp	109 <sup>95</sup> m
MP-3 420-450MHz 500W PEP meter	214 <sup>95</sup> mw
MOTOROLA	
H-5111A marine hand held radio	\$269 <sup>95</sup> m
NYE	
047-001 phone patch, 8-pin w/spkr	\$89 <sup>95</sup> v
OPTOELECTRONICS	
SCOUT/400 10-2800MHz counter	\$399 <sup>95</sup> m
OUTBACKER	
PERTH 7.5' mobile antenna	\$239 <sup>95</sup> m
PANASONIC	
RF-B45 SWL portable receiver	\$152 <sup>95</sup> m
PERIPHEX	
BP-8S battery (ICOM 2AT/02AT) series	\$45 <sup>00</sup> m
CNB-153 7.2/1000ma battery	39 <sup>95</sup> m
EBP-22S battery (ALINCO 580/180)	58 <sup>95</sup> v
FNB-27 12v/600ma battery	54 <sup>00</sup> m
PB17 12V/800 ma battery Kenwood	44 <sup>95</sup> m
RF CONCEPTS	
2/70G 2m/440 3/30-5/20W amp	\$233 <sup>95</sup> v
2/70H 2/200-20/100W amplifier	639 <sup>95</sup> v

4-32 440MHz 3/20W amp .....	134 <sup>95</sup> m
440 3/20W mini-amp .....	99 <sup>95</sup> m
<b>RANGER</b>	
RCI-2970 100w 10m xcvr .....	\$339 <sup>95</sup> f
RCI-6060 marine xcvr .....	149 <sup>95</sup> m
RCI-7000 marine xcvr .....	144 <sup>95</sup> w
RCI-8000 marine ht .....	149 <sup>95</sup> m
RCI-9000 marine xcvr .....	159 <sup>95</sup> mf
<b>SANGEAN</b>	
ATS-202 SW receiver .....	\$79 <sup>95</sup> m
ATS-800 SW receiver .....	69 <sup>95</sup> f
ATS-808 SW receiver .....	134 <sup>95</sup> v
DT-200V receiver .....	59 <sup>95</sup> m
<b>SONY</b>	
ICF-SW15 portable SW receiver .....	\$53 <sup>95</sup> m
ICF-SW55 portable SW receiver .....	314 <sup>95</sup> m
ICF-SW7600G port SW receiver .....	179 <sup>95</sup> m
ICF-SW77 deluxe portable SW rcvr .....	399 <sup>95</sup> m
ICF-7700 portable SW rcvr .....	99 <sup>95</sup> v
IPS-360 GPS unit .....	299 <sup>95</sup> m
IPS-760 deluxe GPS unit .....	599 <sup>95</sup> m
<b>STANDARD</b>	
C-168A 2M FM HT .....	\$279 <sup>95</sup> m
C-188A 2M FM thin HT .....	254 <sup>95</sup> mf
C-288A 220MHz FM HT .....	328 <sup>95</sup> m
C-508A 2m/440MHz FM mini-HT .....	259 <sup>95</sup> m
C-558A 2m/440MHz FM HT .....	514 <sup>95</sup> f
C-5608DA 50w 2m/40w 440 mobile .....	629 <sup>95</sup> c
<b>STARTEK</b>	
ATH-15 1-1500mhz freq counter .....	\$152 <sup>95</sup> m
3500 freq counter .....	197 <sup>95</sup> v
<b>TIMEWAVE</b>	
DSP-59 PLUS dsp filter .....	\$233 <sup>95</sup> v
DSP-9 PLUS dsp filter .....	179 <sup>95</sup> mw
<b>UNIDEN</b>	
BCT-2 Bear Tracker scanner .....	\$89 <sup>95</sup> w
BC-177XLT 16ch scanner .....	99 <sup>95</sup> f
BC-220XLT 200ch pocket scanner .....	199 <sup>95</sup> m
BC-350 50 ch mobile scanner .....	89 <sup>95</sup> m
BC-55XLT 10ch handheld scanner .....	69 <sup>95</sup> w
BC-9000XLT 500 ch 25mhz-1.3ghz .....	369 <sup>95</sup> m
HH-978XL marine HT .....	109 <sup>95</sup> m
MC-790 marine mobile xcvr .....	179 <sup>95</sup> m
<b>UST (Truck ship/milw pick-up only)</b>	
HDP service platform/HDX555 NEW!	\$399 <sup>95</sup> m
<b>VECTRONICS</b>	
PM-30UV meter .....	\$74 <sup>95</sup> mv
VC-30UV mini-meter .....	69 <sup>95</sup> m
VC-300D meter .....	169 <sup>95</sup> m
VC-300M meter .....	109 <sup>95</sup> m
HFT-1500 1.5KW antenna tuner .....	349 <sup>95</sup> v
<b>WILMORE</b>	
1365 24-12V 10a converter .....	\$69 <sup>95</sup> m
<b>YAESU</b>	
DVS-2 digital voice recording unit .....	\$259 <sup>95</sup> m
FC-10 external coax fed auto tuner .....	314 <sup>95</sup> v
FC-757AT auto tuner .....	479 <sup>95</sup> f
FL-7000 hf amplifier w/tuner .....	1999 <sup>95</sup> m
FNB-14 1000ma 7.2V battery .....	63 <sup>95</sup> v
FNB-26 1000ma 7.2V battery .....	72 <sup>00</sup> w
FNB-27 600ma 12V battery .....	69 <sup>95</sup> m
FNB-33 1200ma 4.8V battery .....	74 <sup>95</sup> m
FNB-38 600ma 9.6V battery .....	74 <sup>95</sup> v
FP-757HD heavy duty power supply .....	239 <sup>95</sup> m
FP-800 20 amp power supply .....	259 <sup>95</sup> v
FT-11R/HP 2m 5W HT .....	299 <sup>95</sup> m
FT-2500M 50W 2M fm mobile .....	319 <sup>95</sup> v
FT-51R/HP 2m/440 5W HT .....	469 <sup>95</sup> v
FT-51R 2m/440 1.5W HT .....	449 <sup>95</sup> m
FT-5100 2m/440 50/35w mobile .....	589 <sup>95</sup> f
FT-5200 2m/440 50/35w mobile .....	609 <sup>95</sup> cv
FT-530 2m/70cm HT .....	339 <sup>95</sup> m
FT-690RMKII 10w 6m xcvr .....	649 <sup>95</sup> mw
FT-811R 440 HT .....	179 <sup>95</sup> wm
FT-8500/FS10 50/35W 2m/440 xcvr .....	619 <sup>95</sup> f
FT-8500/MH-39 50/35W 2m/440 xcvr .....	599 <sup>95</sup> fm
FT-900/AT HF xcvr/tuner .....	1289 <sup>95</sup> m
FT-911 1.2ghz hand held xcvr .....	421 <sup>95</sup> v
FT-990DC hf 100W/auto tuner/12V .....	1664 <sup>90</sup> vw
G1000SDX 23sq ft antenna rotor .....	469 <sup>95</sup> fm
LL-5 phone patch for SP-6 .....	134 <sup>95</sup> m
MD100A8X desk mic FT1000MP .....	116 <sup>95</sup> fv
MH-1508 microphone .....	72 <sup>90</sup> w
MMB-54 bracket .....	22 <sup>90</sup> w
MR KIT-1 rack mount for VXR rpters .....	179 <sup>95</sup> m
MW-2 remote mic .....	125 <sup>95</sup> m
NC-29 rapid charger FNB12S/14/17 .....	64 <sup>95</sup> f
NC-42 1-hr quick charger .....	90 <sup>90</sup> m
VXR-5000UCDC 440 25W repeater .....	1099 <sup>95</sup> m
YA-30 1.8-30MHz dipole .....	199 <sup>95</sup> s



# AES® Consumer Equipment Price List

## CORDLESS PHONES

<b>COBRA (COB)</b>		Reg	Sale
CP-706 Ivory cordless ph w/scrambler .Dmwf	\$129.95	79 <sup>95</sup>	
CP-912 900MHz 100ch dig spread spectrum	369.95	249 <sup>95</sup>	
<b>UNIDEN (UNI)</b>			
CT-301 Cordless phone	\$ 69.95	49 <sup>95</sup>	
DX-3555 25 ch scrambled dual pad cordless	159.95	119 <sup>95</sup>	
DX-4519 25 ch scrambled cordless phone	129.95	99 <sup>95</sup>	
EXP-910 900 MHz digital spread spectrum	459.95	289 <sup>95</sup>	
XC-3510 25 ch cordless phone	109.95	79 <sup>95</sup>	

## CB RADIO

### Antenna Specialists (ASP)

MR125 Rooftop antenna, spring, 3/8" hole	\$ 41.95		
MT178 Magnet mt antenna	49.25		
M-906 Cellular style on glass CB antenna	49.95		

## COBRA (COB)

7 Ultra AM Mobile	\$ 62.95	49 <sup>95</sup>	
10 SOS Kit AM Mobile w/magnet mt ant	89.95	59 <sup>95</sup>	
18 Ultra AM Mobile	109.95	69 <sup>95</sup>	
19DX AM Mobile	79.95	49 <sup>95</sup>	
19LTD II AM Mobile	89.95	59 <sup>95</sup>	
23 Plus AM Mobile w/WX	109.95	69 <sup>95</sup>	
25LTD (25 Classic) AM Mobile	139.95	99 <sup>95</sup>	
25LTD WX AM Mobile w/WX	179.95	109 <sup>95</sup>	
29LTD (29 Classic) AM Mobile	189.95	129 <sup>95</sup>	
29LTD WX AM Mobile w/WX	219.95	139 <sup>95</sup>	
HH-70 AM Remote	169.95	109 <sup>95</sup>	
93LTD WX AM Base w/WX/tone alert	189.95	129 <sup>95</sup>	
146GTL SSB/AM Mobile	329.95	189 <sup>95</sup>	
148GTL/148FGTL SSB/AM Mobile	369.95	229 <sup>95</sup>	
2010GTL WX SSB/AM Base w/WX	659.95	419 <sup>95</sup>	
HH-35 AM portable CB Xcvr	89.95	69 <sup>95</sup>	
HH-40 5w 40 ch 27 MHz CB walkie-talkie	159.95	99 <sup>95</sup>	
AT-60 Trunk lip/roof mt antenna	19.95		
AT-70 Magnet mt antenna	24.95		

## UNIDEN (UNI)

PC-66XL AM Mobile	\$129.95	89 <sup>95</sup>	
PC-76XL AM Mobile	179.95	119 <sup>95</sup>	
PC-76XLW AM Mobile w/WX alert	189.95	139 <sup>95</sup>	
PRO-340XL 40 ch portable w/rubber ant	89.95	59 <sup>95</sup>	
PRO-501XL AM Mobile	49.95	39 <sup>95</sup>	
PRO-501AXL AM Mobile w/magnet mt ant	69.95	49 <sup>95</sup>	
PRO-510XL AM Mobile	69.95	44 <sup>95</sup>	
PRO-520XL AM Mobile	89.95	59 <sup>95</sup>	
PRO-538W AM Mobile w/WX	109.95	74 <sup>95</sup>	
PC-122XL SSB/AM Mobile	199.95	129 <sup>95</sup>	
Grant-XL SSB/AM Mobile	269.95	169 <sup>95</sup>	
Washington SSB/AM Base	349.95	249 <sup>95</sup>	
ESP-25 External speaker	20.89		

## SCANNERS

### AOR (AOR)

AR-2700 .5-1300MHz hand Rcvr/cell blkd	\$499.95	389 <sup>95</sup>	
AR-3000A .1-2036MHz dtx w/SSB/cell blkd	1329.95	1049 <sup>95</sup>	
SDU-5000 Spec disp; AR3000A/Icom Base	1199.95	899 <sup>95</sup>	
AR-8000 .5-1900MHz hand w/SSB/cell blkd	799.95	599 <sup>95</sup>	

### Antenna Specialists (ASP)

MONR1 H or U low profile roof mt monitor ant	\$ 23.50		
MON-9 H & U magnet mt monitor antenna	35.25		
MONR31 L/H/U gain ground plane base ant	55.25		

## BMI (BMI)

Nitelogger II Auto recorder activator	\$ 69.95		
RC-1A Impedance matching patch cord	19.95		

## CHANNEL MASTER (CHA)

5094A 4-band base Monitenna ant w/50' coax	\$ 47.95	39 <sup>95</sup>	
5095A 5094A ant/5' tri-mast/50' coax .Dmwf	59.95	49 <sup>95</sup>	

## COBRA (COB)

SR-11 10 ch prog pocket scanner	.Dmf \$219.95	59 <sup>95</sup>	
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## GROTHE (GRO)

VS-2 Emergency vehicle siren	\$ 99.00	89 <sup>95</sup>	
VS-2L/A Window mt siren/amber light	249.00		
VS-2L/B Window mt siren/blue light	249.00		
VS-2L/R Window mt siren/red light	249.00		

## GROTHE - continued

VS-2LS/A Window mt siren/amber strobe	299.00		
VS-2LS/B Window mt siren/blue strobe	299.00		
VS-2LS/R Window mt siren/red strobe	299.00		
VS-3 Volunteer vehicle PA/horn w/spkr	159.00	129 <sup>95</sup>	
VS-4 P/A emergency vehicle siren w/spkr	169.00	139 <sup>95</sup>	

## MAXON (MAX)

WX-70 Weather monitor w/alert	\$ 69.95	39 <sup>95</sup>	
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## Monitor America (MON)

Monitor America Scanner frequency book	\$ 29.95		
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## UNIDEN BEARCAT (UNI)

BCT-2 Pre-prog warning scan/AC ps	.Dmf \$239.50	99 <sup>95</sup>	
BC-147XLT-1 16 ch prog scanner/instant WX	169.95	89 <sup>95</sup>	
BC-148XLT-1 20 ch prog scanner/WX alert	179.95	99 <sup>95</sup>	
BC-178XLT 100 ch prog scan/air/WX alert	249.95	139 <sup>95</sup>	
BC-350A 50 ch prog/service search w/AC ps	199.95	109 <sup>95</sup>	
BC-560XLA 16 ch prog scanner/AC ps	169.95	89 <sup>95</sup>	
BCT-7 Pre-prog warning scan/air/800/AC ps	319.95	179 <sup>95</sup>	
BCT-10 Pre-prog highway info sys scanner	369.99	169 <sup>95</sup>	
BC-700A 50 ch prog/svc search/800/AC ps	299.95	169 <sup>95</sup>	
BC-760XLT 100 ch prog/svc search/800/AC ps	369.95	209 <sup>95</sup>	
BC-002 CTCSS tone board; BC-760XLT	51.89		
BC-003 Switch box for BC-002	10.70		
BC-004 RF preamp for BC-760XLT	27.80		
BC-860XLT 100 ch prog scanner/air/800	319.95	179 <sup>95</sup>	
BC-890XLT 200 ch 956 MHz scanner/WX alert	439.99	249 <sup>95</sup>	
BC-002 CTCSS tone board; BC-890XLT	51.89		
BC-9000XLT 500 ch 25MHz-1.3GHz	769.95	399 <sup>95</sup>	
BC-005 CTCSS tone board; 8500/9000XLT	37.89		
BC-60XLT 10 ch prog pocket scanner .Dmwf	169.95	79 <sup>95</sup>	
BC-60XLT-1 30 ch prog pocket scanner	169.95	99 <sup>95</sup>	
AD-100 AC adapter/batt cgr	16.89		
PS-001 DC power cord	8.89		
BC-80XLT 50 ch prog pocket scanner/800	309.95	169 <sup>95</sup>	
BP-70 Extra battery for BC-70XLT	.Δm 27.80		
AD-140 Extra charger; BC-100XLT/200XLT	13.29		
BP-200 Extra battery; BC-200XLT	32.82		
BP-205 Extra battery; BC-100XLT	37.23		
VC-001 Carrying case; BC-55XLT	8.89	4 <sup>95</sup>	
BC-120XLT 100 ch prog pocket w/aircraft	249.95	139 <sup>95</sup>	
BC-220XLT 200ch prog pocket/800 MHz Dmwf	439.95	219 <sup>95</sup>	
BC-230XLT 200ch prog pock/air/800/xtra batt	439.95	239 <sup>95</sup>	
SC-150B 100 ch black sport pocket/800	329.95	189 <sup>95</sup>	
AD-70 Extra charger	13.49		
BP-120 Extra battery	18.29		
LC-120 Carrying case for BC-120/220XLT	19.59		
LC-150B Carrying case for SC-150B	19.59		
UA-502 Cig power cord	12.19		
BC-3000XLT 400 ch 25MHz-1.3GHz pocket	699.95	379 <sup>95</sup>	
BP-2500 Extra batt; BC-2500/3000XLT	32.49		
LC-2500 Carrying case; BC-2500/3000XLT	19.95		
NPD-001 National frequency book	14.95		
RFD-001 IN/LI/KY/OH/MI/WI freq book	14.95		

## RADAR DETECTORS

### COBRA (COB)

LD-200 Laser detector	.Dmwf \$ 79.95	39 <sup>95</sup>	
RD-302 3-band wide band detector	.Dm 129.95	49 <sup>95</sup>	
RD-3170 Deluxe superhet detector	.Dm 299.95	59 <sup>95</sup>	
RD-4120 Super heterodyne detector	.Dm 209.95	29 <sup>95</sup>	
RD-6000 Solar powered radar detector	.Dm 319.95	69 <sup>95</sup>	
RDL-412 Radar/laser detector	.Dw 199.95	99 <sup>95</sup>	

## LAND MOBILE

### COURIER (COU)

Procom* 2w VHF FM hand-held/batt/cgr Δmwf	\$199.95	119 <sup>95</sup>	
ANT-2 Extra BNC flexible antenna	.Δm 12.00	9 <sup>95</sup>	
AUC-12 Cig lighter charger adapter	.Δmw 12.00	7 <sup>95</sup>	
CAT-12 Leather carrying case	.Δmw 22.50	16 <sup>95</sup>	
RB-7 Extra nicad battery pack	.Δmw 32.00	29 <sup>95</sup>	

\*Available in one of three frequencies:

Freq A (red) - 151.625 MHz	Freq B (blue) - 154.570 MHz
Freq C (green) - 154.600 MHz	

M-54 5w 4ch VHF FM hand-held/batt/cgr/151.625	299.95	199 <sup>95</sup>	
M-510 5w 10ch synth VHF FM hand-held	399.95	269 <sup>95</sup>	
MU-510 5w 10ch synth UHF FM hand-held	439.95	299 <sup>95</sup>	

## COURIER - continued

CCK-510 Cloning cable for M-510/MU-510	14.00		
U-22* 2w 2ch UHF FM hand-held/batt/cgr Dmf	279.95	149 <sup>95</sup>	

\*Available in one of four frequencies:  
 Frequency A (white) - 462.575 MHz  
 Frequency C (orange) - 462.675 MHz (REACT)  
 Frequency E (yellow) - 464.550 MHz (business radio svc)

## ICOM (ICO)

UT-14 Tone unit for IC-U18	.Dm \$115.00	14 <sup>95</sup>	
IC-F10-1 2w 146-174MHz 24 ch HT	495.00	399 <sup>95</sup>	
IC-F20-2 2w 440-470MHz 24 ch HT	559.00	449 <sup>95</sup>	
AD-54 Charger adapter; BM113U; F10/F20	34.00		
BM-113U Trickle charger; F10/F20	26.00		
EX-1690 PC prog software; F10/F20	40.00		
OPC-478 PC prog cable; F10/F20	46.00		
OPC-474 HT - HT cloning cable; F10/F20	15.00		
A-3 5w PEP aircraft handheld	655.00	499 <sup>95</sup>	
A-22 5w PEP compact Navicom air handheld	720.00	549 <sup>95</sup>	
A-200 Panel mt aircraft Xcvr special order	1069.00	899 <sup>95</sup>	

## MAXON (MAX)

MX-49FX 5 ch 49 MHz ear mic Xcvr	\$ 89.95	49 <sup>95</sup>	
MX-49HX 5 ch 49 MHz euro-design headset Xcvr	89.95	49 <sup>95</sup>	
MX-49SX* 49 MHz euro-design headset Xcvr	59.95	29 <sup>95</sup>	

\*Available in channels A, B, & E; limited qty's in channel D  
 PC-10\* 49 MHz hand-held/PTT/VOX headset 59.95 34<sup>95</sup>  
 \*Available in channels A, B, & E  
 PC-50 5ch 49MHz hand-held/PTT/VOX headset 79.95 49<sup>95</sup>  
 GMRS-10 100mw 462.625 MHz handheld 119.95 89<sup>95</sup>

## RANGER (RAN)

RCI-1000* 1w 2ch VHF FM hand-held/batt/cgr	\$199.00	139 <sup>95</sup>	
BT-10 Extra nicad batteries	29.95	24 <sup>95</sup>	
DG-10 Desk charging stand (use wall cgr)	14.95		
LC-1000 Leather case	24.95	19 <sup>95</sup>	
MT-17 CTCSS encoder/decoder	54.95	49 <sup>95</sup>	
SRA-106A Speaker/mic	44.95	39 <sup>95</sup>	

\*Available in one of two frequency combinations:  
 A (red) - 151.625 & 154.570 MHz  
 C (green) - 154.600 & 154.570 MHz

## MARINE VHF FM RADIO

### ICOM (ICO)

M-2 5w synthesized marine hand-held .Dmwf	\$659.00	269 <sup>95</sup>	
M-5 5w synth hand-held w/9 mem	.Dmwf 725.00	329 <sup>95</sup>	
CA-1 Extra flexible antenna	.Δm 20.00		
IC-M10A 3w marine hand-held w/AA holder	347.00	219 <sup>95</sup>	
GP-22 GPS unit w/OPK-4 antenna kit	500.00	429 <sup>95</sup>	
M-710 150w HF marine SSB Xcvr .spec order	2025.00	1369 <sup>95</sup>	
AT-130 HF marine auto ant tuner spec order	750.00	529 <sup>95</sup>	

## MAGELLAN (MAG)

GPS-2000 GPS receiver	\$279.99	199 <sup>95</sup>	
GPS-4000 GPS receiver w/carrying case	349.99	249 <sup>95</sup>	
00-69007-000 External power module	49.99		
Meridian LI GPS/track plotter/detach ant/case	399.00	299 <sup>95</sup>	

## MOTOROLA (MOT)

HSN9690 Hailer speaker	.Δm \$ 40.00	14 <sup>95</sup>	
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### RANGER (RAN)

RCI-6060 25w VHF marine Xcvr w/scan	\$279.00	169 <sup>95</sup>	
RCI-8000 5w VHF marine handheld	279.00	169 <sup>95</sup>	

## UNIDEN (UNI)

MC-535 25w 90 ch VHF marine Xcvr	\$199.99	139 <sup>95</sup>	
MC-635 25w 90 ch VHF marine Xcvr w/scan	249.99	149 <sup>95</sup>	
MC-795 25w 90 ch VHF marine Xcvr w/prog	299.99	169 <sup>95</sup>	
HH-979 5w 90 ch marine hand-held/scan	259.99	159 <sup>95</sup>	
HH-980 5w 90 ch deluxe marine hand-held	399.99	249 <sup>95</sup>	

## SHAKESPEARE (SHA)

396-1 3 db, 5' antenna, less mount	\$104.95	59 <sup>95</sup>	
497 6 db, 8' antenna, less mount	86.50	49 <sup>95</sup>	
5202 6 db ant w/chrome ferrule, less mt	130.50	69 <sup>95</sup>	
5206-C Economy 8' ant w/chrome ferrule, no mt	56.95	39 <sup>95</sup>	
366H Chrome zamac ratchet mount	41.95	29 <sup>95</sup>	
495 White plastic lift & lay mount	20.95	14 <sup>95</sup>	
420 3 db, 5' ant w/fold-down mount	94.50	59 <sup>95</sup>	
420-M-2 3 db, 5' mast mount antenna Δmwf	113.50	19 <sup>95</sup>	
5204-8 Combo CB/VHF marine 8' antenna	188.95	99 <sup>95</sup>	



# Manufacturer Phone Numbers & Warranty Information

## AEA

2006 196th St. SW Units O & P  
Lynnwood, WA 98036  
**Service/Tech Support:** 206-775-7373  
**Sales:** 206-774-5554  
**Upgrade Hot Line:** 206-774-1722  
**Literature Request Line:** 800-432-8873  
**FAX:** 206-775-2340  
**Limited Warranty:** 1 year

## ALINCO

438 Amapola Avenue, #130  
Torrance, CA 90501  
**Customer Service:** 310-618-8616  
**FAX:** 310-618-8758  
**Limited Warranty:** 1 year parts and labor.  
Within 15 days of purchase, extended 1 year  
parts and labor warranty available from  
ALINCO.

## AMERITRON

P.O. Box 494 • Mississippi State, MS 39762  
**Shipping:** 116 Willow Rd. Starkville, MS 39759  
**Customer Service:** 601-323-8211  
**FAX:** 601-323-6551  
**Limited Warranty:** 1 year on all products  
except 2 years on AL-80B. All tubes are guar-  
anteed by the respective tube  
manufacturers.

## AZDEN

147 New Hyde Park Road  
Franklin Square, NY 11010  
**Information & Service:** 516-328-7501  
**FAX:** 516-328-7506  
**Warranty:** 2 years: 1st year parts & labor; 2nd  
year, parts only.

## COMET (NCG)

1275 N. Grove St • Anaheim CA 92806  
**Customer Service:** 800-962-2611  
**FAX:** 714-630-7024  
**Limited Warranty:** 90 days

## CUSHCRAFT Corporation

P.O. Box 4680 • Manchester, NH 03108  
**Telephone:** 603-627-7877  
**FAX:** 603-627-1764  
**Limited Warranty:** 1 year against material  
defects and workmanship.

## GLEN MARTIN ENGINEERING

Rt 3 Box 322 • Boonville, MO 65233  
**Information:** 816-882-2734  
**Limited Warranty:** repair/replace within 90  
days from purchase

## HUSTLER

One Newtronics Place  
Mineral Wells, TX 76067  
**Customer Service:** 817-325-1386  
**FAX:** 817-328-1409  
**Limited Warranty:** 1 year against material  
defects and workmanship.

## ICOM AMERICA, Inc.

380 116th Avenue NE • Bellevue, WA 98004  
**Telephone:** 206-454-8155  
**Customer Service Hotline:** 206-454-7619  
**Parts Department:** 206-454-8155  
**FAX:** 206-454-1509  
**BROCHURE:** 206-450-6088

## ICOM Regional Customer Service Centers

18102 Sky Park South., Suite 52-B  
Irvine, CA 92714  
**Telephone:** 714-852-8026  
**FAX:** 714-852-8716  
3071 #5 Road, Unit 9  
Richmond, British Columbia  
Canada V6X 2T4  
**Telephone:** 604-273-7400  
**Limited Warranty:** 1 year parts/labor

## KANTRONICS

1202 E. 23rd St. • Lawrence, KS 66046  
**Product Information:** 913-842-7745  
**Service/Tech Support:** 913-842-4476  
Hours: 9 A.M. – noon & 2 PM – 5 P.M.  
**24 hour BBS support:** 913-842-4678  
(1200-14,400 v.32 bis 8 bits no parity)  
**FAX:** 913-842-2031  
**Limited Warranty:** 1 year, parts/labor.

## KENWOOD U.S.A.

P.O. Box 22745 • Long Beach, CA 90810  
**Telephone:** 310-639-5300  
**Fax:** 310-631-3913  
**Parts:** 800-262-1312 • 310-515-0207  
**Parts Fax:** 310-538-4919  
**Bulletin Board (Free):** 310-761-8284

### KENWOOD Service Center East

829 Lynnhaven Parkway, suite 130  
Virginia Beach, VA 23452  
**Customer Relations:** 804-340-1702  
**Fax:** 804-340-6809  
**Parts:** 800-637-0388 • 516-483-5742  
**FAX:** 516-483-5904  
**Limited Warranty:** 1 year, parts/labor.

## LARSEN

3611 N.E. 112th Ave. • Vancouver, WA 98668  
**Customer Service:** 206-944-7551  
**Full Warranty:** 3 years.

## KLM

14792 172nd Drive S.E. • Monroe, WA 98272  
**Telephone:** 306-794-2923  
**FAX:** 306-794-0294  
**Full Warranty:** 3 years.

## MFJ ENTERPRISES, INC.

P.O. Box 494 • Mississippi State, MS 39762  
**Shipping:** 300 Industrial Park Rd.  
Starkville, MS 39579  
**Telephone:** 601-323-5869  
**Technical Support:** 800-647-8324  
**FAX:** 601-323-6551  
**Warranty:** 1 year – "no matter what".

## MIRAGE

P.O. Box 494 • Mississippi State, MS 39762  
**Shipping:** 116 Willow Road  
Starkville, MS 39759  
**Telephone:** 601-323-8287  
**FAX:** 601-323-6551

## RF CONCEPTS

1202 E. 23rd St. • Lawrence, KS 66046  
**Product Information:** 913-842-7745  
**Service/Tech Support:** 913-842-4476  
Hours: 9 A.M. – noon & 2 PM – 5 P.M.  
**24 hour BBS support:** 913-842-4678  
(1200-14,400 v.32 bis 8 bits no parity)  
**FAX:** 913-842-2031  
**Limited Warranty:** 1 year, parts/labor.

## STANDARD Amateur Radio, Inc.

P.O. Box 60714 • Niles, IL 60714  
**Telephone:** 312-763-0081  
**FAX:** 312-763-3377  
**Limited Warranty:** 1 year, parts/labor.

## STARTEK

398 NE 38th St. • Fort Lauderdale, FL 33334  
**Telephone:** 305-561-2211  
**FAX:** 305-561-9133  
**Limited Warranty:** 5 years, 1 yr. parts/labor.

## TELEX-HYGAIN

8601 E. Cornhusker Hwy.  
Lincoln, NE 68505-5579  
**Service & Parts:** 402-465-7021  
**FAX:** 402-467-3279  
**Warranty:** Too Many To Print

## TIMEWAVE

2401 Pilot Knob Rd. #134  
St. Paul, MN 55120  
**Customer Service:** 612-452-5939  
**FAX:** 612-452-4571

## UNIVERSAL MFG

43900 Groesbeck Hwy  
Clinton Twp, MI 48036  
**Customer Service:** 810-463-2560  
**Contact Person:** Bill Kedzierski,  
Dave Kosowski

## UNIDEN AMERICA CORP.

8707 N By Northeast Blvd.  
Indianapolis, IN 46250  
**Customer Svc & Parts:** 800-772-7497  
**Limited Warranty:** 1 year Scanners.

## US TOWERS

1220 Marcin St. • Visalia, CA 93291  
**Customer Service:** 209-733-2438  
**FAX:** 209-733-7194  
**Full Warranty:** 3 years.

## YAesu U.S.A.

17210 Edwards Road • Cerritos, CA 90703  
**Telephone:** 310-404-2700  
**Sales FAX:** 310-404-1210  
**Tech Support FAX:** 310-404-4828  
**Limited Warranty:** 1 year, parts/labor.

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**CREDIT CARD APPLICATION-PRIMARY APPLICANT**

First Name: \_\_\_\_\_ M.I.: \_\_\_\_\_ Last: \_\_\_\_\_  
 Date of Birth: \_\_\_\_\_ Soc. Sec. No.: \_\_\_\_\_ # Dep. (not including yourself) \_\_\_\_\_  
 Mailing Address: \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
 Physical Address (if different than above): \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
 Home Phone: ( )- \_\_\_\_\_ Work Phone: ( )- \_\_\_\_\_  
 Time at Residence: \_\_\_\_\_ Yrs. \_\_\_\_\_ Mos. ☐ Own ☐ Rent ☐ Other \_\_\_\_\_ Monthly Payment \$ \_\_\_\_\_  
 Previous Address (NO. & Street): \_\_\_\_\_ Apt/RR: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ Time at Prev. Res.: \_\_\_\_\_ Yrs. \_\_\_\_\_ Mos. \_\_\_\_\_  
 Employer: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_  
 Net Monthly Income: \_\_\_\_\_ Time at Employment: \_\_\_\_\_ Yrs. \_\_\_\_\_ Mos. \_\_\_\_\_ Position: \_\_\_\_\_ Prev. Employer: \_\_\_\_\_  
 Other Household Monthly Income: You need not list income from Alimony, Child Support or Separate Maintenance unless you wish it considered for purposes of granting credit. Net \$ \_\_\_\_\_ Source: \_\_\_\_\_  
 PLEASE CHECK ONE OF THE FOLLOWING BOXES: ☐ Checking ☐ Savings ☐ Both ☐ None

**CREDIT CARD APPLICATION-CO-APPLICANT**

First Name: \_\_\_\_\_ M.I.: \_\_\_\_\_ Last: \_\_\_\_\_  
 Mailing Address: \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
 Physical Address (if different than above): \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
 Home Phone: ( )- \_\_\_\_\_ Work Phone: ( )- \_\_\_\_\_  
 Date of Birth: \_\_\_\_\_ Soc. Sec. No.: \_\_\_\_\_ Net Monthly Income \$: \_\_\_\_\_  
 Employer: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Time at Employment: \_\_\_\_\_ Yrs. \_\_\_\_\_ Months \_\_\_\_\_  
 Other Household Monthly Income: You need not list income from Alimony, Child Support or Separate Maintenance unless you wish it considered for purposes of granting credit. Net \$ \_\_\_\_\_ Source: \_\_\_\_\_

**CREDIT CARD TERMS (Do not sign without reading)**

ANNUAL PERCENTAGE RATE FOR PURCHASES	ANNUAL MEMBERSHIP FEE OR PARTICIPATION FEE	GRACE PERIOD FOR REPAYMENT OF BALANCES FOR PURCHASES	TRANSACTION FEE FOR PURCHASES	LATE PAYMENT FEE	OVER THE CREDIT LIMIT FEE	RETURNED CHECK FEE	METHOD OF COMPUTING THE BALANCE FOR PURCHASES	MINIMUM FINANCE CHARGE
18.9%	None	25 Days	None	\$10.00	\$10.00	\$10.00	Average Daily Balance Method Including New Purchases	None

**BY SIGNING BELOW YOU ACKNOWLEDGE, CERTIFY AND AGREE THAT:**

- (1) you are applying for an open-end credit card account with **AMERICAN GENERAL FINANCIAL CENTER, MIDVALE, UTAH** or for other credit available from its affiliate and **AMERICAN GENERAL FINANCIAL CENTER** may share with its affiliates, any information on this application, and any transactions and experiences between applicant(s) and **AMERICAN GENERAL FINANCIAL CENTER**;
- (2) such account is revolving, does NOT have a fixed term and the monthly credit card payments are as set forth in paragraph 21 of the Credit Card Cardholder Agreement which has been given to you;
- (3) we may obtain a credit report on you;
- (4) if this application is accepted and credit is extended by **AMERICAN GENERAL FINANCIAL CENTER**, you will be bound by the terms of the Credit Card Cardholder Agreement attached hereto, a copy of which has been provided to you to keep;
- (5) if your application for a credit card is not approved, your application may be given to our affiliate to review and an offer for a retail installment contract or an installment loan (the terms of which may differ) may be made to you. You are in no way obligated to accept an offer from our affiliate;
- (6) **AMERICAN GENERAL FINANCIAL CENTER** may share with its affiliates any information on this application, and any transactions and experiences between applicant(s) and **AMERICAN GENERAL FINANCIAL CENTER**;
- (7) the statements above are true and we may rely on them; and
- (8) **YOU HAVE READ AND UNDERSTAND THE CREDIT CARD TERMS AND THE ATTACHED CREDIT CARD CARDHOLDER AGREEMENT**

PLEASE SIGN

PRIMARY APPLICANT SIGNATURE

DATE

PLEASE SIGN

CO-APPLICANT SIGNATURE

DATE

**INSURANCE ELECTION OPTION:** Please enroll me in the ChargeGard Plan which protects my credit card account as disclosed. Full details of coverages, exclusions and limitations are contained in the Certificates of Insurance which I understand will be mailed to me. I understand and agree that premiums will be charged to my credit card account as long as my account is in good standing. I understand that if my account is cancelled, my ChargeGard Insurance is also cancelled. I may cancel at any time. I understand that enrollment in the Insurance plan is optional and is not required to obtain/maintain credit.

- ☐ YES, I want ChargeGard Insurance coverage (subject to state availability)  
☐ NO, I do not want ChargeGard Insurance.

\*Unemployment and disability coverages are available only to the Primary Cardholder.

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PRIMARY APPLICANT SIGNATURE (person to be insured)

DATE

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 Co-Applicant Driver's License No./State Identification No.: \_\_\_\_\_ State: \_\_\_\_\_ Expires: \_\_\_\_\_  
 Account Number: \_\_\_\_\_ Credit Line \$ \_\_\_\_\_  
 Merchant Name/Number: \_\_\_\_\_ Dealer Name/Number: \_\_\_\_\_



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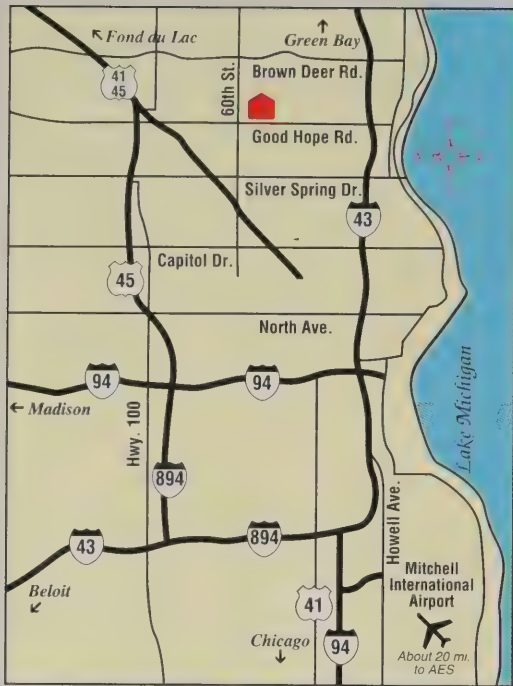
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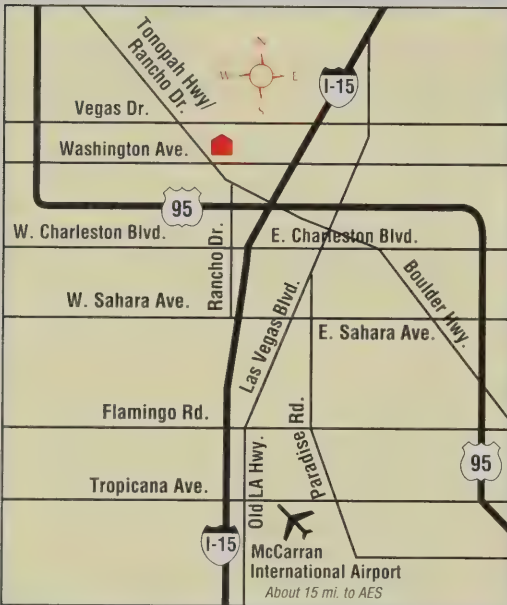
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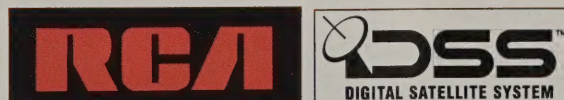
Main Store Display Area



Paul and Don in Video and Camcorder Display Area

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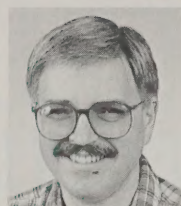
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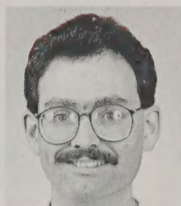
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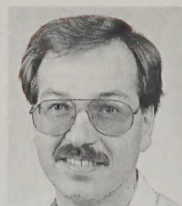
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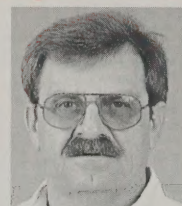
CARL WB9STM



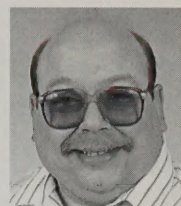
CHRIS N9LBS



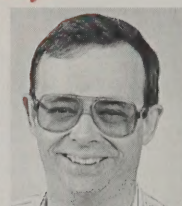
DALE N9BRX



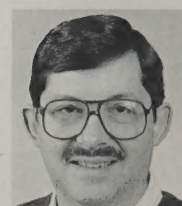
DICK KE9QU



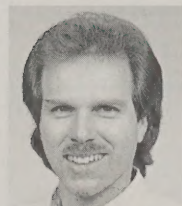
GARY L. KA9YTB



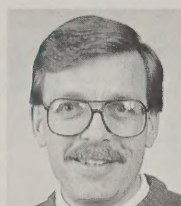
GARY S. W9NR



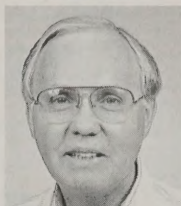
JOHN AB9G



JEFF N9EDQ



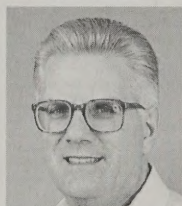
MIKE N9LBQ



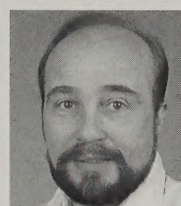
MILES K9HMQ



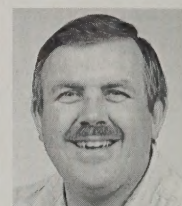
PAUL W9KHO



RAY K9KHW



RICK N9PMR



RON WA9VRY



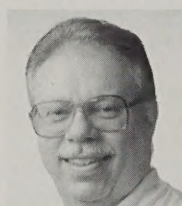
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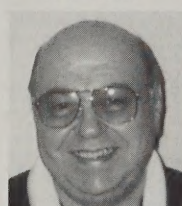
TOM N9UUJ



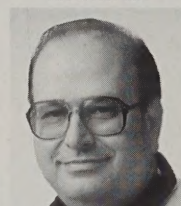
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BOB WB8WEN



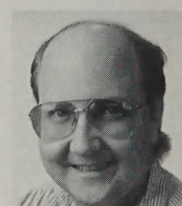
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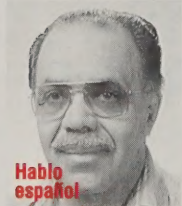
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JOHN WA8PKB



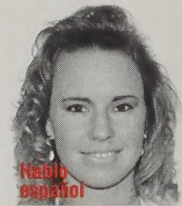
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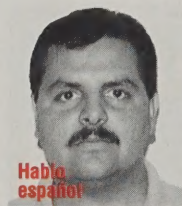
RODRIGO TI2WD



BRUCE WD4HIM



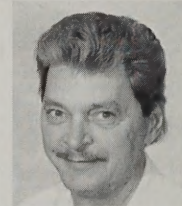
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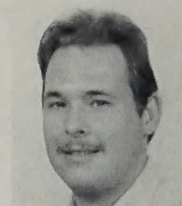
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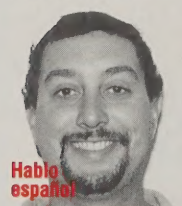
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GIL K4ISK



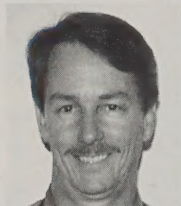
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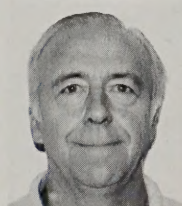
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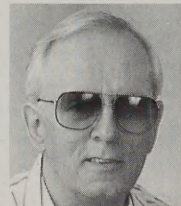
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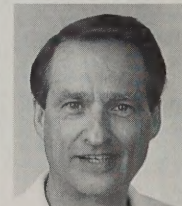
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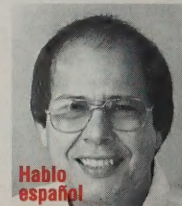
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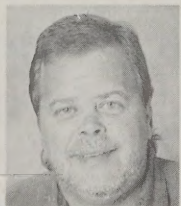
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RON KE7LG



VICTOR N4COU



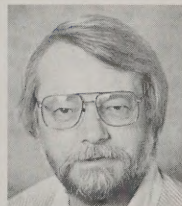
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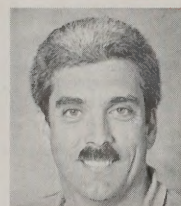
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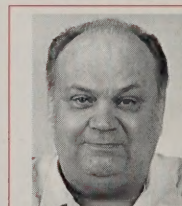
JOHN



SQUEAK AD7K



TOM N7GBJ



TERRY W9DIA  
Owner



YOUNG TERRY  
(King of Traders 1962)

## WHATEVER HAPPENED TO THE AES® STARSHIPS & CAPTAINS?

Terry talks...The AES® Starships are now retired, but Terry, W9DIA, the owner and founder of AES®, wishes to thank all of you who talked to one of the six on-board Ham Stations. From your many QSL cards and comments made to us at recent hamfests, it's clear that you enjoyed talking to us... we had fun and it sure made the trips go fast! Dave Gilbo, NF3J, one of the Starship Captains, is now living in florida with his family and is flying an L-1011 for Rich International. Dave says the L-1011 is a great aircraft, but he still lusts for the very *hi-tech* AES® Starship. He has fond memories of giving many of our customers rides at Hamfests and Open Houses. Dave remembers the twinkle in your eyes as you took a peek up front at the very *hi-tech* cockpit. Incidentally, Dave was noted for his extra-smooth landings. TNX Dave, for sending the pictures. Good luck and may God be with you,



Shown above is our new Controller, Todd Strehlow and his lovely wife Maria. Watch AES grow under Todd's guidance!



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**SATURDAY**

**APRIL 27**

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ting new worldwide records working the elusive tropospheric duct on microwave frequencies.

Gordon will also be representing his Radio School and during SuperFest he'll be available to chat with you about anything in Amateur Radio.





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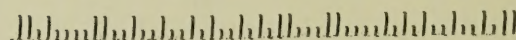
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**LEO MEYERSON,  
W6GFO**

**TERRY, W9DIA**

### "Let's go Down Memory Lane with Terry, W9DIA"

*The Year:* Early 1960's. *The Place:* the Electronics Parts Show at the Conrad Hilton Hotel in Chicago, IL. *Left to right:* Larry Meyerson; Steve Potyandy, W9EAN, the first full-time employee of Amateur Electronic Supply; Leo Meyerson, WQGFQ, owner of World Radio Laboratories (WRL); Phil La Marche, W9DVM, the first AES Florida store manager; Terry Sterman, W9DIA founder and owner of Amateur Electronic Supply; Ted Willett, W9NHE, manager of Sterman Printing

When Terry, W9DIA, first got into Ham Radio (early 1950's), Leo and his company, World Radio (WRL) of Council Bluffs, Iowa was considered the "Top Dog" of Ham Radio Dealers. Perhaps you can remember the famous Galaxy and Globe lines of Ham Equipment, along with

one of the first tri-band antennas, they were Leo's great innovations.

It was at this meeting at the Electronic Parts Show, in the early 1960's, that young Terry boldly told Leo that someday Amateur Electronic Supply was going to be the largest ham dealer in the country. Also present was Ted and Andy Andros from Hy-Gain Electronics. You should have heard them laugh after Terry made that statement!

As you all know, Terry and Amateur Electronic Supply eventually became the largest volume ham dealer.. Terry also became the largest weight-wise, tipping the scales at a hefty 428 lbs at his peak.

If you would like more "Down Memory Lane with Terry, W9DIA" or "Terry Talks" in the next catalog, just drop a line to the Milwaukee store.

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